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## Title word cross-reference

+ [Kle06, Wir76]. 1.13198824... [Vis00]. = [Wir76]. $e$ [Mao94]. $E = mc^2$ [Bod00, KN19a]. $\gamma$ [Gra88]. $\pi$ [Bec93, Bla97, EL04]. $\sqrt{-1}$ [Nah98].

**-GLA** [Gra88].

**.NET** [AHG+04, BS03].

**00** [Mis90]. **000-year** [Mao07].

**1** [Knu11, MGH80]. **1.0** [Gra00a]. **1.1** [GHLP03]. **1.2** [QO93a]. **10** [MM07, MMG07]. **100-digit** [BLWW04]. **101-1983** [Gra83a]. **1057** [IBM86]. **109** [Con05]. **11** [ACHM82, Dig82, EM79, LE80]. **1100** [FF78]. **112** [FW07]. **1164/WTL** [Cor86]. **16-Bit** [Dol79, MW82]. **16/32** [Mot84]. **16/32-Bit** [Mot84]. **1883** [Win03a]. **1905** [Rig05]. **1914** [Mar14b]. **1918** [Ger20]. **1919** [Mac03]. **1945** [DW46, Sza84]. **1966** [Ame66]. **1974** [Erd74]. **1983** [Par84]. **1985** [Ame85]. **1986** [Ame86b]. **1989** [Ame89, AH89]. **198x** [Ame87a]. **1991** [MA91]. **1992** [Ame92, Zla92]. **1994** [USE94]. **1999** [CS99]. **199x** [Ame90]. **19th** [BCDH09].

**2** [CLK99b, Chr86, MS87, Wir83]. **2.0** [Kan96]. **20** [Gor81]. **2006** [Ber06]. **2007** [SM07]. **2018** [Joh18, Kol19, Mat19a, Mat19b, SK19]. **20th** [SO11]. **21st** [Pin14, Bal97, BB04c]. **24-dots** [Jap83]. **25th** [SBH+04]. **26** [DB04]. **28** [CS99]. **2nd** [IEE88].

**3**

[Gwe96, LS78, Nel91, Sed93, Sum09, Ruc15]. **3-D** [Gwe96]. **3.5-billion-year** [Shu08a]. **32-Bit** [Mot84, Mot85a, Mit86, Mot85b].

**4.3BSD** [LMKQ89]. **4.4BSD** [MBKQ96].

**5** [Gen93, GBR05].

**6.22** [Nor94]. **6000** [Bel90, Hos91, WR94a, WR94b]. **6234-1983** [Jap83]. **64** [Mar00]. **64-bit** [ET03, Int90, Int91, Cor86]. **6626-1978** [Jap78]. **6th** [Lio96].

**7** [Rob99]. **7185-1982** [Int82]. **754** [Hou81]. **754-1985** [IEE85b]. **77** [Ell90, Ett93, Kat78, MS88]. **770X3.97** [Ame83b]. **770X3.97-1983** [Ame83b]. **7th** [Zla92].

**8086/8088** [LG84, MW82, Ski85, Yeu84]. **8086/88** [Sca84]. **'89** [HHS89]. **8X** [AO90, MR87].

**9** [MGH+03a, MGH+03b]. **90** [ABW92, BGA90, Cou91, Ker93, MR90, Tho97]. **'92** [Zla92]. **95** [ABM+97].

**=** [Maz97, RB08].

**Abecedarium** [Fir93]. **aboard** [Bur98]. **Absolute** [Sha99a, Cre11]. **Absorption** [Dye65, Nak62]. **Abstract** [BC06]. **Abstracting** [Lor19]. **Abstracts** [Che94]. **abuse** [DeL86]. **academic** [BB04a]. **Academy** [Sok00]. **Acceleration** [Gle99]. **Access** [Nor82]. **Accessory** [dTL18]. **Accompany** [KCM+76, Kyk76]. **account** [Nic87]. **Accuracy** [Hig96, Hig02, BLWW04]. **Accurately** [Cli90, SW90]. **ACE** [Cop12]. **Achievements** [Bel37, Woo80]. **Acrobat** [Mer97b, Mer97a, Ame93, GS93, Mer98]. **Acrobat/PDF** [Mer97a, Mer98]. **ACS** [DCJ+97]. **Action** [BBC+07, ST12, HPR16]. **Ada** [Ame83a, Ano79b, Ano79a, May82, Pyl81, Weg80, You83]. **Adam** [Bic09]. **Adapt** [New14]. **Add** [Gwe96]. **Addressing** [FA89]. **Administration** [BF05, Fri91, Hun92, MJW+06, NSS89, NSS+01, NSH02, NSHW10, AT&T86f]. **Administrator** [MP92]. **Admit** [ST12]. **Adobe** [Inc90a, Inc90b, Inc, Ame93, GS93]. **Adolescence** [GREC91b]. **Advanced** [The98, Bro77, CW66, Dav65, DS51, GW98, Her81, JR90, JL16, KD93, KD95, KD99, Kre93, KN94, Kun86, MGH+03a, Muc97, Nor82, Roc85, Roc04, Sal95, SKM19, Ste92, SR05]. **Adventure** [Bro15]. **Adventures** [Ban99, FL06, KM84, Lor18, FL88, GM97, FLH85]. **AES** [Ope91a]. **Affirmative** [ST12]. **afraid** [MZP97]. **Africa** [Hoc98, Hoc99]. **After** [HH15, Gor15]. **Again** [Eis06]. **Against** [DB04, Jer02]. **Age** [Ess04, Pri21, Pyn10, RH97, Stu18, Tap96, Whi88, Whi90a, Acz09, Hol08, Mag09, SH16, SG17, Tho08b, Fag10, Fag19]. **aid** [Ame70]. **Aided** [Far88, Far90, Far93, Far97, LS89]. **AIP** [Ano90]. **Aircraft** [RMV42]. **Alamos** [Ano96a, Bet91, Con05]. **Alan** [Cop12, Swi19]. **Albert** [BB05, Sch49a, Sch49b, Woo80]. **Alexander** [Hel04, Shu08b]. **Algebra** [HM88, Joh93, WR71]. **Algebraic** [Ray87, Wil65, Ata40]. **algebras** [TW95]. **Algorithm** [BB91, Gri86, Ski98, Ski08, Sun90, BM77]. **Algorithms** [AHU74, Akl85, ANTT02, CLR90, CLR01, CLRS09, Ear85, Edm08, FBY92, GHN+90, Gil78, Gon84, GK82, GK78, Gus97, Hig96, Hig02, HJ83, HJ88, HS78, JL96, KR81, Knu97, Knu98a, Knu00, Knu08, Knu68, Knu69, Knu73a, Kor02, Kro85, Luk77, Mal72, MT86, Mat19a, MB00, Mul97, Omo94, Par00, Pav82, Sch94, Sch96, Sed83, Sed88, Sed90, Sed92, Sed93, Sed98, Sed02, SW11, Ste94a, Wil86a, Wir76, Wir86, CBB+99, Knu11].

**Allemagne** [Mic89]. **Alliance** [dTL18, Bla02]. **Allowing** [WM92]. **almanac** [Cal04]. **Almost** [BH17, Tau61b]. **Alpha** [Bha96, Cor92, Sit92, SW95]. **Alphabet** [Fir93, Zap07a, Int99, Zap07b]. **Alphabetgeschichten** [Zap07b]. **Alsos** [Gou96]. **AltaVista** [SRR97]. **ALU** [Cor86]. **Amateur** [LB14]. **Ambiguity** [SB07]. **Ambition** [Jon08, Kea18]. **America** [Bla02, DB04, Fag17, Gra11, Jac14, Kev79, Mar14a, Nic87, Tho81, Tho08b, Win05, Win14, dT08]. **American** [Ame86a, Ame88a, Ame88b, Org91, Ame89, Ame92, Ame90, BS05, De 19, Hel04, Mun17, Ric06, Sch90, Ted06]. **Americans** [Boo58]. **Amsterdam** [Sho14]. **analyse** [Cou38]. **Analysis** [AHU74, BC81, BC84, BN60, Cet91, Cod81, Ehr73, GK82, Kah92, Knu00, KS52, Mor83, Pen65, Ric83, SW80, Str74, TD00, Tau63b, Ueb97, WMD65, Cou38]. **Analytic** [FZ61, Oak49, Oak58]. **Analytical** [GW98, Hut52, Bab10, Lud09]. **Analyzer** [Fel76, LS79, Pax88]. **Analyzers** [Gra88]. **Analyzing** [Mil92, Stu84]. **Anatomy** [All78]. **ancient** [AK11, Bar80, Wei16]. **Andy** [Ted06]. **angels** [Pin11]. **Anglicko** [CNVH93]. **Anglický** [CNVH93]. **Angular** [Sch15b]. **Animals** [Hau00]. **Animating** [PW94]. **Annals** [McP98]. **Annihilation** [Ave76]. **Annotated** [AHG+04, ES90, JPS07, Sch90]. **Annual** [SBH+04]. **ANS** [ANS76]. **Ansätze** [Hen92]. **ANSI** [Ame89, Ame66, Ame78, Ame87a, Ame85, Ame86b, Ame83b, ABW92, ABM+97, Dyb96, IEE85b, Sch90]. **ANSI/IEEE** [Ame83b, IEE85b]. **ANSI/ISO** [ABW92]. **Answer** [TG89]. **answered** [Ado97]. **Answers** [Kit63]. **Anti** [RMV42]. **Anti-Aircraft** [RMV42]. **Anticipating** [Mac11]. **Antimatter** [QN08]. **Antoine** [Hut52]. **Anything** [SRR97]. **APA** [Tri98, Tri99]. **Apache** [LL97]. **API** [SFR04, X/O93a]. **APIs** [Ste98]. **Apology** [Har40]. **Appendix** [Tri99, Tri98]. **Application** [Cou38, Ope91a, Wei80, Gut11]. **Applications** [AT&T86a, AT&T86b, Bic48, Cha78, Chu60, Cla90, Cot63, Den66, Dye65, EM79, Egu18, Erd74, FSK10, GB18, HJ76, Hou81, Hwa84, JR89, JR90, Joh96, Joh18, Kun83, PW35, PP86, Rob59, Sei98, Sri96, Vul92, WC00, You89, You90, YP92, Cor05, Leb72, Mer97a, Mil15, Tor15]. **Applied** [Art84, Art85, Ban99, Fow97, HY81, Har00, Kur94, Sch94, Sch96, War85, BR89]. **Approach** [AK01, Ara06, BYG92, BL63, BS60, Com84, FBD05, Fro77, Har83, Har87, HP90, HP96, HP03, HPAD+06, HP12, HP19, HK05, KmWH10, MB00, PH90, PH96, PH03, Smi90, Tru03, Cow90, FGMvH14, Sin07]. **approaches** [Hen92]. **Approximation** [Gal08]. **Approximations** [HCL+68, Has55, Luk69a, Luk69b, Luk75]. **Apps** [Mat19b]. **aqueous** [Lat52]. **Arabic** [AK11, Kha86]. **Arc** [Kea00]. **Archibald** [Gut12]. **Architecture** [AIM95, Bae80, Bha96, BB97, Com88, Cor92, Dol79, ET03, Gut04, HH07, HP90, HP96, HP03, HPAD+06, HP12, HP19, HJ83, HJ88, Hsu01, Kan87, KH92, Kan96, Kog81, LE80, LG84, Mar90, MM01, MSSW94, MA86, MP00, MB88, Omo94, PH90, PH96, PH03, PW17, SPA92, Sit92, SW95, Sto07, Sun87, Tab87, TZ86, WG94, WS94, Bae10, MM07, Sha99b, Sta10]. **Architectures** [AK01, Com00b, HP92, MT86, PN04]. **archive** [KW90]. **Archives** [Bar06b]. **Areas** [Mil16b]. **Arithmetic** [BZ11, BCDH09, CCG+84, Coo80, Coo81b, Hou81, IEE85b, Kor02, Loc17, Mal72, MBdD+10, Omo94, Ove01, Par00, SO11, SR06, Ste81, Swa90a, Swa90b, Dev11]. **Arithmetical** [Bus40]. **arms** [Far13b]. **Arrays** [PCGK89]. **Art** [Bis03, BN06, Bre09, Keh93, Knu05a, Knu05b, Knu08, Knu09, Knu11, Kun85a, Mye79, PFTV86, PTVF07, Pru84, Ray04, Ruc15, TW87, Zob97, FF95, HS08].

**Articles** [Gri78, Gus12]. **Artificial** [Ung87]. **artists** [Mor07]. **ASA** [Hei66]. **Ascent** [HB90a]. **asked** [Ado97]. **Aspects** [Eth10, Hsu01, Thu80, WR94b, Hen92]. **Aspekten** [Hen92]. **Assembly** [Bra84, Gor81, Laf84, Mor84, Sca84, Ski85, Yeu84]. **assessment** [Boi97]. **Associated** [Bic48, Gol98]. **assumptions** [Smi14]. **Astonishing** [BH17, Liv02]. **Astronomers** [Fle18]. **Astronomy** [PF19, Cla09, Hen97]. **Astrophysics** [Tau63c, dTL18]. **Asymptotics** [Olv74]. **AT&T** [AT&T86a, AT&T86b]. **Atanasoff** [Smi10]. **Athens** [Wei16]. **Atlantic** [Win11]. **Atlas** [Fro04, Mic05, PW17, Tho97, Ano76, Ano99, Ran91, Ran01]. **Atmospheric** [Boh87]. **Atom** [AH13, Far09, FS65, Rod19, Sin05, Win15, Cat04, vCH18]. **Atomic** [Bag10, BBSR69, FR13, Gre20, HL33, Kur06, Mah09, Rho86, SM68, Bet91, Kel09, SH16, Kie13]. **Atoms** [Fro77]. **Auditory** [Ram97]. **August** [AFI75, SBH+04, Win03a]. **Author** [Bry88]. **Authors** [DCJ+97, Fly95, RV09, Smi87b, Whe21]. **autobiography** [Hah67]. **Automata** [Tau63b, Kle56]. **Automatic** [JL96, AOB64, Zus36, AH46]. **Automating** [CH87, Lib94, MJW+06, RB06a]. **automation** [Cle88, Tor15]. **automatique** [Tor15]. **automatisieren** [RB06a]. **aux** [Cou38, RB05b]. **available** [KW90]. **Avenarius** [Kro90]. **awakening** [Mah09]. **Aware** [GM02]. **Away** [Lor19]. **Awk** [Col91, Dou91, AKW88, AKW23, Rob96, Rob97, Rob01, Van86]. **AXIOM** [JS92]. **AXP** [SW95].

**B** [BL19, Ope91a]. **B5700** [Org73]. **B5700/B6700** [Org73]. **B6700** [Org73]. **Babbage** [Bab10, Swa01]. **Babel** [Dor18, Gor15]. **background** [Can01]. **Bacon** [GG05]. **Bad** [Tau93]. **balance** [Cre11]. **Ballistic** [Jul47]. **Band** [Fle18]. **Bang** [MH22, Par03, Cle09, Seg11]. **Baptiste** [Hut52]. **Base** [AHG+04, Cor05]. **Based** [Gus12, McK79, AK01, CHT02, Lib94]. **Basel** [Ten09]. **Basic** [Ano05, RC64a, RC64b]. **Basis** [AKM81]. **Basque** [Kur99]. **bastard** [McW08]. **Battle** [Sus08]. **Battles** [Win11]. **Bayes** [McG11]. **BDs** [GHLP03]. **Be** [Far03, Liv05, GREC91a, HHPM07, Str13a, The97, The98]. **Beaten** [Fey05]. **Beautiful** [Bla15, Far03]. **Beauty** [FvGGM90, PR86, Hol08]. **Beer** [Boh87]. **Before** [Cle09, MH22, Gor15]. **began** [Cla09]. **Beginner** [Keh93, SL91, Sno92]. **Beginners** [KD93, KD95, KD99]. **Beginning** [DS51, Gla97, Str74, Ano96a]. **Behind** [Ano96a, Ber05, Col05, Rue07, CL88, Ekm16, Maz10]. **Being** [Bar92, Bar96]. **Bell** [Alt48, Geh03, Shu08b]. **Belong** [Sto99]. **Ben** [RB08]. **Benchmark** [GREC90, Pri89]. **Benchmarks** [BBB+91, Cyb91]. **benefits** [BB04a]. **Benford** [BH15, Mil15]. **BeOS** [The97, The98]. **Berkeley** [Ope91e]. **Bernhard** [Der03]. **Bernoullis** [Ten09]. **Beschreibung** [Hen92]. **Best** [Pit19, Fey00]. **Beta** [Jen00]. **Bethe** [Ber81, Sch12b]. **Better** [BB91, HM98, Pag07, Pin11]. **Betting** [Ung87]. **Between** [Stu18, dTL18, Bla02, BB05, Sen21]. **Beyond** [Ame93, Cas09, Mao91, MH22, Pau91, Pav99, Rod19, Sch03b, Wat90, LM06]. **Bibliography** [Gut12]. **Big** [Hil15, Hür22, MH22, O'N16, Par03, Car94, Cle09, DeL86, Seg11]. **Biggest** [Rei09]. **BigNum** [SR06]. **billion** [Shu08a]. **Billions** [Ker18]. **Binary** [Gri90, IEE85b, Phi36, Ste81, Knu09]. **Binding** [McP74]. **Biographical** [Ara06, Hen92]. **biographischen** [Hen92]. **Biography** [Lor18, Mal95, Pad90, Sei96, Bod00, Kur98, Smi10]. **Biology** [Gus97, LP64, OALD97]. **biomedical** [BR89]. **BIOSIS** [BIO94]. **Birth**

[Dol11, Ess04, Hil15, RH97, WB01, Win01, Fag10, Kel09, SH16]. **Birthday** [FvGGM90]. **bis** [DW46]. **BISON** [DS88a]. **Bit** [Dol79, Mot84, Mot85a, Mit86, MW82, Mot85b, Rim93, ET03, Int90, Int91, Cor86, Aug84]. **Bit-Mapped** [Rim93]. **Bitwise** [Knu09]. **Black** [Fle18, Imp19, Lev16, Sus08]. **blank** [Pin02, Pin03]. **Bletchley** [Pri21, Smi98b, Tur20]. **blink** [Par03]. **Blue** [CL88, DeL86]. **Bluebook** [Mor84]. **blues** [Lev16, Car94]. **BMP** [Mia99]. **boat** [DB04]. **body** [Mit06, Shu08a]. **Bohemia** [Gor20]. **Bohr** [AH13, CG14, FK85, Kum10, Lin08, Pai91]. **bolts** [Ame01a]. **Bomb** [Bag10, Kap20, Kur06, RS09a, Rho86, Rho95, Cas09, Far13a, Far13b, FGMvH14, Her02, Kel09, Ric06, vCH18]. **Bombs** [Win15]. **Bonding** [Com64a]. **Bones** [Mar15]. **Book** [Ber06, CG96, GRA89, Gra90, Kau78, PT97, Ros91, SL91, Sin99, TG89, BBB00, Com00a, Cox15, AAG+00, ABR02]. **Books** [Les97]. **Boolean** [Knu08]. **Borders** [Leh98]. **Born** [BB05, Gre05]. **boson** [Kra14]. **Boston** [MA91]. **bottle** [Sei08]. **Boundary** [Hoh01]. **Box** [Bil89]. **Brain** [Cop12, Rue07, Sch98]. **branded** [X/O92]. **Braun** [Bid09, Gör11]. **break** [BL19]. **Breakaway** [Sun97]. **Breaker** [Str95]. **Breakers** [Mun17]. **breakneck** [Zac14]. **Breakthroughs** [Cre10, Haw05]. **Brief** [Cle03, Har15]. **brilliant** [FLS95, Mag09]. **Brinch** [Bri85]. **bring** [Jac14]. **Bringing** [PBMW98]. **Britain** [Ano76, Ano99, Far13b, Smi98a, Syk07]. **Britannica** [Boy16]. **British** [Con09, Jon78]. **broad** [McK79]. **Broken** [Tur18]. **Brotherhood** [Her02]. **Bruno** [Clo15]. **Brutal** [Win15]. **Buch** [ABR02, Mer91]. **Bucks** [Les97]. **Bugs** [Dup95, Dup98]. **Build** [Cha18, Cop12, Joh18, Kol19, Mat19a, Swa01, Tro18]. **Building** [Bai99, GB18, Cor05, Mat19b, NS21, Sri96, DB04]. **built** [Zim08]. **Bush** [Bus45]. **Business** [FvGGM90, Hos91, Sun97]. **Bust** [Lei00]. **Bytes** [Les97].

**C** [Ame89, Jap78, Jap83, Kru94, RH11, TG89, Van99, Wal01, Ame86a, Ame88a, Ame88b, Aus99, Bel90, Blu02, Bud98, Cam87, CLG99, Dig82, ES90, FH95, HK82, HS84, HS87, HS91, HS95, HS02, Hol90a, Hun85, Hym90, Jae89, Jae91, Jae93, Jae96, Jae01, Jos99, KR78, KR88, Lap87, Lip91, Pla92, PSLM00, Plu87, RS90, SGN88, Sch90, Sch94, Sch96, Sea05, Sea20, Sed90, Sed92, Sed98, Sed02, Sri96, Str86c, Str91, Str94, Str97, Str13b, TG89, Van88, Van99, War85, dG93, dG96, dG97]. **C#** [HWG04, JPS07]. **C-Kermit** [dG93, dG96, dG97]. **C/C** [Blu02]. **CA** [USE94]. **Cache** [JNW08]. **CAE** [X/O93a]. **CAGD** [Far01]. **Calamities** [Gla99]. **Calc** [GHLP03]. **Calculating** [Ste16, AOB64, Bab37, Cou38, Mau42, Zus36, Cou33]. **Calculation** [Sta92, Cou38, Phi36]. **Calculations** [But64, DR97, RD02a, Zus36]. **Calculator** [DW46, ST52, AH46]. **calculer** [Cou33, Cou38]. **calculs** [Cou38]. **Calculus** [Bar06a, BF91, Dev93, EL89, Fat92, FZ61, Har92, HEBS93, PW94, Str19]. **Calendrical** [DR97, RD02a, RD02b]. **California** [Goo91, IEE88, Win05]. **Calligraphy** [Her67]. **Calling** [Knu89a]. **Calls** [AT&T86g]. **Cambridge** [Cat04, JL14]. **came** [Str13a]. **Can** [Gra88, War08]. **Canada** [Ran91]. **Canadian** [RS91]. **Cancer** [Con20]. **can't** [Kle06]. **Cape** [Ber06]. **Captain** [Nic03]. **Captions** [Gol98]. **caractères** [Har04]. **Carbon** [Eli62]. **card** [ST52]. **card-programmed** [ST52]. **Cards** [Fer88, Ghi05]. **care** [FL88]. **Carl** [Ten06]. **Caroline** [Hos11]. **Carrington** [Cla09]. **Cartography** [Her69]. **Case** [OALD97]. **Cassell** [Sim59]. **cat** [MZP97]. **Catalog** [Kro93]. **Catastrophe**

[Wal03]. **cathedral** [Cat04, Dys12]. **Caught** [Mur77]. **cause** [Chr97]. **Cavendish** [Cro74]. **CC** [Sta88]. **CD** [AL97]. **CD-ROM** [AL97]. **celebrate** [Woo80]. **Celebrated** [Boy16]. **céleste** [Cou38]. **celestial** [Cou38]. **Cell** [OALD97]. **Celsius** [Ekm16]. **Celts** [Syk07]. **centenary** [FK85]. **centennial** [Woo80]. **Center** [Mon13, Par84, PA06]. **centuries** [McG11]. **Century** [Dic03, HH99, Pin14, Ree20, Sal94, Sta98b, Dev08a, McK79, Bal97, BB04c, Har10]. **CERN** [Acz10, Kra14]. **Certain** [SB07, Gre05, TW95]. **certificate** [BL63]. **Cesko** [CNVH93]. **Ceský** [CNVH93]. **Chairing** [Pau89]. **Challenge** [Ber06, BLWW04]. **Chambers** [Pry58a, Pry58b]. **Chance** [Tal01]. **Chances** [Eth10]. **Change** [Rei88b]. **Changed** [BH17, Bro15, GP19, Hel04, Win01, Fal11, Haw05, Kur98, Mac03, Mar14b, Sta98a]. **changes** [Ekm16]. **changing** [Mil16a]. **Chaos** [Sch91]. **Chaotic** [Saa01]. **Character** [FLH85, Fey94, FL06, Jap78, Jap83, Mac80, Sea94, The91, Cle88, FL88, FF95, SW72]. **Characters** [Bat88, NF87]. **Charles** [GP04, Nic03, Swa01]. **Chasing** [Coh10, Wul12, Shu08b]. **Chemical** [Ben33, Ben35, Che94, Com64a, Cot63, Den66, Erd74, Lai65]. **Chemistry** [Bar79, BL63, CW66, DWB+62, Dav65, DS51, Den66, Dor65, Gla46, GL60, Han63, Hut52, JO83, Kau57, Kit63, La 71, LÖ73, LÖ04, LP64, MM56, MM64, PW35, Pit53, Pry66, Rob59, RC64a, RC64b, San64, SG62, SP64, SLG52, Tay25b, Tay25a, WBA85, GS12]. **Chemists** [Str61, Tay25b, Tay25a]. **Chicago** [Ano93, Ano03, Ano10, Ano17, Tur07]. **Chimie** [Fra64]. **Chimique** [Eve65]. **China** [KIR+07, Kis11, Tem91, Win08]. **Chinese** [Lan01, Lun99]. **Chinese/English** [Lan01]. **Chip** [Ele98, Wea08, Bae10]. **Chips** [Col05, Win15]. **Chronicle** [Zap07b, Zap07a]. **Chronicles** [Col05, Fal11]. **Chronik** [Zap07b]. **Churchill** [Far13a, Far13b]. **Cipher** [GG05]. **Ciphers** [AAG+00, Has16]. **Circles** [Wir90]. **Circular** [For12, Thu80]. **Citation** [PBMW98]. **Citizen** [Fey98]. **city** [Con05, Sho14, Kie13, Ros14]. **Civil** [Rho15]. **Civilization** [Cah95, McL91]. **CJKV** [Lun99]. **Clara** [IEE88]. **Clare** [Gut12]. **Clarification** [ANS69, ANS71]. **Clash** [Bar06a]. **Class** [AHG+04, CL98, CLK99a, CLK99b, Fer86, Gri86]. **Classic** [FL06, RB05a, Sta99, RB06a]. **Classical** [FS65, Jac62, Lee65]. **Classified** [Con20]. **Classroom** [PJS91, Sto99]. **Claude** [SG17]. **Clients** [Cha18]. **Climate** [Fag19]. **Clocks** [Gal03]. **Clockwork** [Dol11, New07]. **closer** [Har10]. **Clouds** [Boh87]. **club** [Ber96]. **Co** [Tay25b, Tay25a, Wat90]. **Co-operative** [Tay25b, Tay25a]. **Cod** [Kur98]. **codages** [Har04]. **Code** [ACHM82, FF01, Hol04, Jap78, Kea12, Lio96, Mat19a, Mun17, Pag82, Pag83, Sch94, Sch96, Sin99, SS02, Str95, McG11, Pag11, AAG+00]. **Codebreakers** [Kah74, Kah96, Smi98b, Tur20]. **Coded** [Mac80]. **CODEN** [Ame70, Chexx]. **Coder** [Ben88]. **Codes** [DB04, Sal07b, Fag17]. **Coding** [Hsu01, Sal05a, Sea05]. **Cold** [Sha99a, Sen21, Tau93, Mac18]. **Collected** [Fey05, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. **Collection** [Ben33, Ben35, GK78, Gri78, JL96, LEMW52, Bar80]. **College** [Gei75]. **Collider** [Acz10]. **Collision** [Win15]. **Colonial** [Boo58, Hoc98, Hoc99]. **Colophon** [Inc]. **Color** [DRB89, McM88, Whi90a, Cor89]. **Colored** [Dys10]. **Coloring** [Kau78]. **Colors** [Wil02]. **Colossus** [Pri21, Ran77]. **Combinations** [Knu05b]. **Combinatorial** [Knu08, Knu11]. **Comes** [Smo07]. **Coming** [Win15, Bro10]. **Command** [Hol87b, Voß12]. **Commands** [X/O89c, AT&T86c]. **Comment** [Her74a, Her74b].

**Commentaries** [CGO07, BB05]. **Commentary** [Lio96]. **Commercial** [Nes87]. **Committee** [ACM77, ACM79]. **Common** [AIM95, BN08, BS03, X/O95a, Bro85a, Ste84, Ste90a, Tat87]. **Communicating** [BRR08]. **Communication** [RR96, RR03, Zob97, Ame70]. **Communications** [Cam87, Mic12, Sal05a, Ste99b]. **Community** [Kev79]. **Compact** [Han85, NO92a]. **Companies** [Gla99]. **Companion** [GMS94, GRM97, GR99, GMR+08, JL14, MGB+04, Ups90, Van99]. **Company** [Rho15, Tes07]. **Compatible** [Hol87a, DS88a]. **Compiler** [AU77, ACHM82, CT04, FH95, Hol90a, Joh79, Muc97, Pys80, SF85, SS02, Wir92, Bal19, CT11]. **Compilers** [ASU86, ALSU07, AK01, Bri85, Hun81]. **Compiling** [AU72, AU73, DM81, AU73]. **Complete** [ABW92, ABM+97, AS90, Bha96, Leh03, Sal98, Sal00, Sal04, Sal07a, SKM19, Nor94, Sum09]. **Complex** [Chu60, Gal08, Hil15, Des10, GM97, WB00]. **Complexity** [Cet91, Kro85, Mit11, MP00, Pag88, Wil86a]. **Composites** [Mil02, Mil16b]. **Composition** [Rub88]. **Compounds** [Dye65, Eli62, FPZ+64, SFC64]. **Comprehensive** [AWH13, BR89, Whe21]. **Compressed** [Mia99]. **Compressing** [WMB94, WMB99]. **Compression** [GBL+98, PM92, RY01, Sal98, Sal00, Sal02, Sal04, Sal07a, Sal07b, Sal08, Say96, Say00, Say05]. **Computation** [ANTT02, Bee17, CGO07, Hey99, JS92, Jen77, Luk77, MT86, PP09, PF05, Ray87, Ueb97, ZJ96, Eck48, Par84, SM07]. **Computational** [FP79, GK78, Gus97, GW98, HM88, Kro85, Mor83, PS85, SM07, Van92, BBG04]. **Computations** [CV88, GHN+90, GV83, GV89, RG88, Ric81, Ste73]. **Computer** [AFI75, Ame85, Ame86b, Ame88c, AHU74, Ang81, AKM81, AB87, Bae80, BB82, BBB87, BN71, BMM78, BSN82, Bis03, BB97, Bra84, BZ11, BCDH09, Cha78, Cop12, Ear85, EKP84, EKP87, Far88, Far90, Far93, Far97, Fv82, FvFH90, GL81, Gil78, GG46, Gus97, GREC91a, Har83, Har87, HH07, HCL+68, HP90, HP94, HP96, HP97, HP03, HP04, HPAD+06, HP12, HP19, Her81, Her72a, HS78, Hsu01, Hub84, IBM86, IEE88, IEE86, Int82, Ifr00, Jul47, KK67, Knu70, Knu96, Knu03a, Knu05a, Knu05b, Knu08, Knu09, Knu11, KD04, Kor02, KN94, Kun83, Kun85a, Kun85b, Kun86, LE80, LS89, Mac92, McC01, MS87, MP00, NS73, NS79, NS21, Omo94, Org73, Pag88, Par00, PH90, PH94, PH96, PH97, PH03, PH04, PH08, PH12, PH18, PP86, Pen65]. **Computer** [Pru84, Ram97, Ran77, Ran89, RS87, RA76, Rog85, RE87, Rub88, Ruc15, Sal99, Sal05a, Sal05b, Sal06a, Sal06b, Sal11, SS84, Sch83, SO11, Sco82, SL98, SBN82, Sta10, Sti40, Sto07, Sto89, Sto99, Stu84, Swa01, Swa76, Swa90a, Swa90b, Tab87, Tan88, Tan96, Tau77, Tau79, Tau76, TZ86, WH76, Wol88, Wol91, Zob97, ABR02, BH09, BD09, CL88, Com00a, HPR16, Knu99b, Smi10, Knu86d]. **Computer-Aided** [Far88, Far90, Far93, Far97]. **Computers** [Aug84, Bos99, DDSv91, Don89, Ehr73, Gri05, Has55, Her67, Hey99, HJ83, HJ88, Kog81, The92, Ran82, Sch84, Sta90, Sto99, Tau63b, SSU85, WK48]. **Computing** [Alt48, AB87, Ata40, CHT02, Dij82, Dow93, FJSD96, Gla99, G+99, GM02, HC21, Lun99, MS88, MRS82, Nas90, NS21, Ove01, PFTV86, PTVF07, Sun97, WC00, Wal01, Wea08, Wil97, BLWW04, BGvN46, DHG08, Fro03, Tho97, Zus62]. **Concepts** [AvD19, Art84, Art85, BB97, EI66, HJ04, Mom01]. **Concise** [Sal08, Röh14]. **Concisely** [Joh92]. **Concrete** [BC06, GKP89, GKP94]. **Concurrency** [Bre09, Cha18, RR96, RR03, SK19, Tro18].

**Concurrent** [GB18]. **Condensed** [Ben33, Ben35]. **conducted** [Par84]. **Conference** [AFI75, AH89, Boi97, IEE88, SM07, SBH+04, USE94, Zla92, Erd74, Par84]. **Confessions** [Ben88]. **confidence** [Pau89]. **Confidently** [Tro18]. **conflict** [BO76]. **Confront** [Ros19]. **confuse** [Bes04]. **conjecture** [O'S07, Dox00]. **Connecting** [Est93, Gia92, Gia90]. **Connection** [Hil85]. **Connections** [For12]. **Conquest** [Sha99a]. **Consciousness** [RK11]. **Consensus** [Jen00]. **Conservation** [Bel74]. **considered** [Dij68]. **Constant** [Hav03]. **Constants** [Fin03]. **Constrained** [Fle81]. **Construction** [Hun81, Pau79, Pys80, Ran89, SF85, Hen97]. **Constructs** [Law78, SKM19]. **Contemporary** [AAR90, AAR94]. **Continued** [BvdPSZ14, CPV+08]. **Continues** [GREC91c]. **Continuing** [Ber06]. **Continuity** [Rei88b]. **Continuous** [Tau62]. **Contrarian** [Sto99]. **Contribution** [WH76]. **Control** [RMV42, X/O93b]. **Controlled** [AH46]. **controversial** [Fal11]. **Controversy** [Jen00, McG11]. **conventions** [DHJ+12, Pos89]. **Conversations** [AAR90, AAR94]. **Conversion** [LS78]. **Convolution** [NF87]. **Cookbook** [Ado85b, CT98, Dar01, Mat19b]. **Coordinates** [WH76]. **Copenhagen** [Seg07]. **Copernicus** [Sob12]. **Coprocessor** [Mot85c, Mot85d, RJR88, JR13]. **Copyright** [Gol98, Kle06]. **Coral** [Win15]. **Core** [MM01, SR00]. **Corfu** [SM07]. **Corporation** [Cor19, Bla02, RH88, RH90, Sch03a]. **Correctness** [MP00]. **correspondence** [BB05]. **Cosmic** [Pag82, Pag83, Pag11]. **Cosmology** [RN68, Kea18, Seg11]. **Cosmos** [Gre04, Gre11, Hel04, PF19, Ste16, Bar06b, LBS17, PA06, Sob12]. **Costs** [ZM08, BB04a]. **Could** [Mit18]. **Couldn't** [Liv05]. **Counting** [Bar92, Bar96]. **Courage** [Ros19]. **Course** [Bro77, DS51, Jae96, Kit63, MS87, Str74]. **cousins** [Car10]. **Crack** [Win05]. **Cracked** [AAG+00, McG11]. **Cracking** [Ele98]. **Craft** [Fin91, BCW08]. **Crafting** [Nys21]. **crapshoot** [New07]. **crater** [Alv97]. **CRC** [Bey78, RG88, WBA85]. **Create** [Kur12, Zac14]. **Created** [Isa14, Mit18, Win18, Acz09, Haw05]. **creates** [Pag07]. **Creating** [WC00]. **Creation** [Acz10, Ave76, Boy16, Win14, Gle10]. **creative** [Wei16]. **Creativity** [CW14]. **Creators** [Boo92, Kel09]. **Crisis** [Smo14, Bur98]. **Criteria** [dB75]. **Cro** [Fag10]. **Cro-Magnon** [Fag10]. **cross** [Mer97a]. **cross-platform** [Mer97a]. **crown** [Geh03]. **crucible** [BD09]. **Cryptographic** [Gut04, SR06]. **Cryptography** [FS03, FSK10, Mao04, Sch94, Sch96, Sin99]. **Crystal** [RH97]. **CSS** [SR00]. **Cuckoo** [Sto89]. **CUDA** [SK10]. **Cult** [ZM08]. **Cultural** [Mao91, Smi98a]. **Culture** [Dyl20, Mil16a]. **cures** [Nah06]. **Curie** [Des10, Eml12]. **Curious** [Eis06, FLH85, FL06, FL88, FF95]. **curmudgeon** [And11]. **Curses** [Hol87a, X/O95b, Str86a]. **Curve** [Far91, McP74]. **Curves** [Far88, Far90, Far93, Far95, Far97, Far99, Far01, Gri86, Sal06a, Wil95a]. **CWEB** [KL93]. **Cycles** [Pen11]. **Cyclotron** [Hil15]. **Czech** [CNVH93]. **Czechoslovakia** [Zla92].

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**H** [AAD16, CGO07, Mai18, Mur77, Kle06]. **Hacker** [CB94, CBR03, War03, War13]. **Hackers** [Isa14]. **Hadron** [Acz10]. **Hahn** [Hah67, She83]. **Half** [Clo15]. **Half-life** [Clo15]. **Halftones** [BR93a, Knu87]. **Halftoning** [Uli87]. **Hall** [Ber96]. **Hand** [Ess04]. **Hand-Loom** [Ess04]. **Handbook** [AS64, ABW92, ABM+97, ABO06, Bee17, Bey78, Bor95, BED96, BSMM07, BF71, CV88, Con85, CPV+08, Cor92, FB94, Fly95, Gib96, Gib99, GR90, GP04, Gon84, GS93, Hig93, HH99, Int99, KK67, Mod09, MBdD+10, NSS89, NSS+01, NSH02, NSHW10, OLBC10, PPB98, RW04, RY01, Red93, Red96, RS09b, SS02, WBA85, Zwi92, BL19, Ker10, You97, vL92]. **Handling** [Fly98]. **Hands** [HK05, Joh18, KmWH10, Kol19, Mat19a, Tro18]. **Hands-on** [HK05, Joh18, KmWH10, Kol19, Mat19a, Tro18]. **Hans** [Ber81, Sch12b]. **Hansen** [Bri85]. **happened** [Mar14a, Rud07]. **Hardcopy** [DS88b]. **Hardware** [AIM95, BMM78, Fer86, HP94, HP97, HP04, HJ76, Hsu01, Int83a, Int87, Int90, Par00, PH94, PH97, PH04, PH08, PH18, TT00, TZ86, PH12]. **Hardware/Software** [HP94, HP97, HP04, PH94, PH97, PH04, PH08, TZ86, PH12]. **Hardy** [AAD16]. **harmful** [Dij68]. **Hartley** [LNV89]. **Hartree** [Fro77, Fro03]. **Hash** [FHCD92]. **Hawking** [Sus08]. **Headers** [X/O89d]. **heartbeat** [Ber11]. **Heat** [Hut52]. **heaven** [Sob12]. **heavens** [Wul12]. **Hecke** [TW95]. **Hedwig** [BB05]. **Heisenberg** [Cas09, Cre10, CG14, Lin08]. **held** [Erd74, MA91, SBH+04]. **Helgoland** [Rov21]. **Hell** [Rho15]. **hello** [Kir05]. **Help** [ST12]. **Helped** [Tur20, Kie13]. **her** [Eml12]. **here** [Pai94]. **Heretic** [Sto99]. **Herman** [Aus82]. **Heroes** [Ale10a, Ari03, Ari05]. **Heroic** [Cah95, Win11]. **heroine** [Fag17]. **Heroism** [Hoc98, Hoc99]. **Herschel** [Hos11]. **Hershey** [WH76]. **Hidden** [Ald02, Far09, For12, Gre11, Tal01, Des10, Far13a, Roc06]. **Hierarchical** [Ame88c]. **Higgs** [Kra14]. **High** [Dow93, Egu18, FJSD96, HJ04, KU81, PF05, Sei98, Sou99, Sto99, Van82, WC00, BLWW04, JR13, Mau42, Tho08a]. **high-accuracy** [BLWW04]. **High-Level** [Van82]. **High-Performance** [FJSD96, PF05, JR13]. **High-Speed** [Sei98]. **higher** [BL63, DHG08]. **higher-dimensional** [DHG08]. **highest** [Kea18]. **Hilfe** [Zus36]. **Himmler** [Pad90]. **historians** [Kel09]. **historic** [Cre11]. **Historical** [Rog01, Hen92]. **Histories** [WB01]. **History** [Aug84, Bac78, Bag10, Bal15b, BG96, Bur07, CKCFR03, Cla94, Cle03, Coh10, Cok09, Dyl20, Eis06, Eve83, Fag19, HC21, Hei66, HF87, HF98, Ifr00, Kap99, Kap20, Ker19, Kev79, Leh98, Lor19, Mac80, Mao91, Mao07, Nas90, Qua18, RS09a, RH11, RS09b, WP85, Wil97, vLPO23, Bag11, Bec93, Ber07, CBB+99, Des10, Far13a, GS12, Goo91, Gut11, Har15, Haw05, Kea10, Kol14, Kur99, Kur03, Kur17, Mah09, Mal11, Maz10, McW08, Mor07, New07, Ree14a, Rho18, Sch03c, Sei08, Sho14, Shu08a, Smi98a]. **Hitler** [Bal14, Ber96, Cor03, Gör11, Ker05, O'R08, Pad90, vCH18]. **Hoax** [Sok00]. **Hole** [Fle18, Sus08, Lev16]. **Holes** [Imp19]. **Hollerith** [Aus82]. **Holocaust** [Bla02]. **Holub** [Hol04]. **Homo** [BH17]. **honor** [Kea18]. **Hoover** [Jer02]. **hot** [Sen21]. **House** [BN06, AK11, Gei75]. **HTML** [Fly95, GR99, Gra00a, MK96]. **HTTP** [Ste96]. **Hubble** [Zim08]. **Human**

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**I/O** [Har99]. **i860** [Int90, Int91, Mar90]. **IA** [Mar00]. **IA-64** [Mar00]. **iAPX** [Int83a, Int85a, Int85b, Int83b]. **IBM** [Bel90, Bla02, Bra84, Car94, CL88, Cor19, DeL86, DHJ+12, Hos91, Mis90, Laf84, Mor84, Nor82, Nor85, SS84, ST52, SSU85, Ted03, Wat90, WR94a, WR94b]. **ICCMSE** [SM07]. **Ice** [Fag19, Lev19, Pol10, Fag10]. **Iceland** [Gud16]. **Icon** [GG83, GG86, GG90]. **idea** [Ros10]. **Ideas** [Ein54, Ein82, MZP97]. **Identification** [FPZ+64, SFC64]. **IEEE** [BCDH09, SO11, Ame83b, Hou81, Ove01, Cor86]. **IEEE-754** [Hou81]. **If** [GREC91a, Bor94]. **IFIP** [Boi97, Gri78]. **ignited** [Gre05]. **Ihre** [RB06a, Mer97b]. **II** [AU73, Arv91, Bac78, BG96, Con20, Erd74, FC76, Her45, Ker05, Kie13, MA91, Mun17, Pla93b, Röh14, Ser18, Sha99b, Tau61b, Tau79, WR94a]. **III** [Bac78, Her66, Kir92, Pla93c, Tau63a]. **ills** [Nah06]. **Illuminating** [TW87]. **illusion** [Maz10]. **Illustrate** [Gus17]. **Illustrated** [Aug84, Mac76, SA98, Ste94b, Ste96, Sto07, Syk94, WS95, Tho97]. **Illustrating** [GRM97]. **Illustrations** [Cas05]. **Illustré** [Lar06]. **Image** [CC88, Cas79, DG87b, Eks84, GW77, Gre83, Mia99, Pav82, PM92, Sch83]. **Images** [Gri81, PS88, Tuf97, WMB94, WMB99, FF95]. **Imaginary** [Nah98]. **Imaging** [AH89, MA91]. **imagining** [Ari03, Ari05]. **Impatient** [ABH90, AL92, AL97]. **imperfect** [Gle10]. **Implementation** [Blu02, CS91, Coo80, Coo81b, FH95, GG86, LNV89, LMKQ89, MBKQ96, MNN05, MNNW15, Muc97, Mul97, Omo94, Pey87, Tan87, TW97, WS94, WS95]. **Implementations** [Bha96, Wei80]. **Implementing** [SR06]. **Impossibility** [Bar98]. **Impress** [GHLP03]. **Inc.** [CW14]. **Including** [Ame70, DS51, Gol98, Ove01]. **Incompleteness** [Gol05]. **increases** [O'N16]. **independence** [Gra11]. **Independent** [GHHH82, GSS68, KM84, Ram89, SSU85, CCG+84, Ker81a]. **Index** [Che94, CH88, CH87]. **Indexes** [AB89]. **Indexing** [Ame01a, WMB94, WMB99]. **India** [KIR+07, Kea00]. **Individual** [Gil93]. **Indivisible** [Win14]. **Industrial** [Hil15, Jap78, Jap83, Osb79]. **Industry** [Ben33, Ben35, Ros10]. **indx** [AB89]. **inequality** [O'N16]. **Inexpensive** [PCGK89]. **Infinite** [Mao91, Sma23, Str19, Wil95b]. **Infinity** [Cle03, Kan91, Mao91, Rei06]. **influential** [Har10]. **Informatik** [ABR02]. **Information** [Ame85, Ame86b, Ame88c, Aus82, Ess04, FBY92, Ger00, Jap78, Lun93, Lun99, RH97, SV99, Tuf83, Tuf90, Ame70, SG17]. **Infrared** [Her45, Nak62]. **Infrastructure** [MJW+06, X/O95a]. **Ingenuity** [Bro15]. **inglese** [Maz97]. **inglese-italiano** [Maz97]. **Ingredients** [Pin99]. **Initial** [ANS69]. **inner** [Shu08a]. **Innocence** [Stu18, FW07]. **innovations** [Tes07]. **innovator** [Chr97]. **Innovators** [Isa14]. **Inorganic** [BN60, BL63, CW66, Dor65, KS52]. **Inquiry** [Gib19]. **ins** [Mer97b]. **Insanity** [Win98]. **inspiration** [CW14]. **Installation** [Bee79]. **Instinct** [Pin94]. **Institute** [Goo91]. **institutional** [Hen92]. **institutionellen** [Hen92]. **Instruction** [Sta90, Tab87]. **Instructor** [KCM+76]. **instrument** [BGvN46]. **Instrumental** [SW80, WMD65]. **Instrumente** [DW46]. **instruments** [DW46]. **integers** [Haw05]. **Integrals**

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**J.** [BS05, Jer02, RH11, Wal01]. **Jacquard** [Ess04]. **jaguar** [GM97]. **James** [Mur77]. **January** [USE94]. **Japan** [AFI75, Ung87, AFI75, Has05]. **Japanese** [Jap78, Jap78, Jap83, Lun93, Lun99, Rei88b, Van89]. **Java** [AGH00, Blo01, CL98, CLK99a, CLK99b, Dar01, Fla95, GJSB00, Har99, LY97, LY99, Sun97, WN96]. **java.applet** [CL98]. **java.awt** [CL98]. **java.beans** [CL98]. **java.io** [CLK99a]. **java.lang** [CLK99a]. **java.math** [CLK99a]. **java.net** [CLK99a]. **java.text** [CLK99a]. **java.util** [CLK99a]. **JavaScript** [Fla97]. **Jean** [Hut52]. **jewel** [Geh03]. **Jiao** [RB08]. **JIS** [Jap78, Jap83, Sea94]. **JIS-Kanji** [Sea94]. **Jobs** [ZM08, RB06a]. **John** [AB87, Bha22, Lor18, Mac92, Smi10, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. **jointly** [SBH+04]. **Joking** [FLH85]. **Jonathan** [Ber06]. **Joseph** [Hut52]. **Journal** [Bal15b, Ame70, Woo]. **Journalists** [Plo82]. **journals** [BB04a]. **Journey**

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1. Table 5 (page 124):

insert `k <-- 0` after assertion, and also delete `k <-- 0` from Table 6.

2. Table 9 (page 125):

   for `-1:USER!("");`
   substitute `-1:USER!("0");`

   and delete the comment.

3. Table 10 (page 125):

   for `fill(-k, "0")`
   substitute `fill(-k-1, "0")`

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