Homework 4

2 weeks from today
Ghost Regions

- A NxN C-matrix distributed among PxQ processors in a block,block fashion
- Define the respective ghost regions as MPI Datatypes
- Use these datatype to exchange the ghost regions between neighbors
Matrix Transpose

• Freestyle: abuse MPI
• The goal is to transpose a \( N \times N \) C-matrix stored over \( P \times Q \) processors in a block,block way in the most eccentric way