Programming Assignment 3: MPI reduction

• You will write two MPI reduction implementations, using just the reduction portion of the SVD code (alpha, beta, gamma).

• The first version should use only point to point communication.

• The second version should use collective communication.

• Turn into the CADE machines, source and README: handin cs4230 p3 <files>

• As before, we have provided three files:
  - Random_matrix.py.txt: for generating matrix
  - Reduction.cpp: sequential implementation
  - Validation_mpi.cpp: for validating your result