Goals for this Lab

First chance to work on a compute cluster (NOTS).

Some helpful information on the shell.

Experiment with loop chunking and barriers in the one-dimensional iterative averaging example (Lecture 11).
Lab handout includes a brief introduction to some useful commands (with pointers to other references).

No required tasks related to the shell for this lab, purely for your benefit.

Feel free to grab a TA if you have questions about the shell.
public void runSequential(final int iterations) throws SuspendableException {
  forseq (0, iterations - 1, (iter) -> {
    for (int j = 1; j <= n; j++) {
      myNew[j] = (myVal[j - 1] + myVal[j + 1]) / 2.0;
    }
    final double[] temp = myNew;
    myNew = myVal;
    myVal = temp;
  });
}

See Lecture 11 for a refresher.