

### Lesson 5.5: Sample Assessment

Student will be tested on the following skills:

Given the code to be downloaded, students are to perform the following tasks:

- Edit, Compile, and run a simple MPI code in a high level language such as C, C++ or python with the adequate command depending on the supercomputer platform with a jobscript (myJobScript\_BW) created .
- Example:
- Compile: `% mpicc -o progExe mpi_porg.c`
  - Run: on Workload manager and scheduler:  
`% qsub myJobScript_BW`
- Analyze and debug a code depending of the error and output files obtained
- If there is any error, location the error and fix it.
- Modify, Rescale, and go through the first 2 steps above
- This scenario can be performed with a set of 3 different codes. (mpi\_hello.c, mpi\_Area\_curve.c,