

Problem 1: Pass Message in a Ring

The following is the output for running problem 1 on HPC.

```
=====
SLURM_JOB_ID = 17321938
SLURM_JOB_NODELIST = d11-24
TMPDIR = /tmp/SLURM_17321938
=====
Process 0: Initially Msg = 451
Process 0: Recieved Msg = 454. Done!
Process 2: Msg = 453
Process 3: Msg = 454
Process 1: Msg = 452
```

Problem 2: Add 64 numbers using 4 processes

The following is the output from running problem 2_1, 2_2, and 2_3 on HPC.

```
=====
SLURM_JOB_ID = 17321939
SLURM_JOB_NODELIST = d11-24
TMPDIR = /tmp/SLURM_17321939
=====
P2_1 Process 0: Total sum = 47126
P2_2 Process 0: Total sum = 47126
P2_3 Process 0: Total sum = 47126
```