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// Write (1) global_pi.c (strong scaling) by merging your global_avg.c & pi.c
// in the assignment 3 package and (2) global_pi_iso.c (weak scaling) on your laptop
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// In a terminal, log in to Discovery & create a directory
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```
MacBook-Pro-3:~ $ ssh anakano@discovery.usc.edu
[anakano@discovery1 ~]$ cd cs596
[anakano@discovery1 cs596]$ mkdir as03
```

```
// In another terminal, transfer necessary files from laptop to discovery
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```
MacBook-Pro-3:cs596-as03 $ sftp anakano@discovery.usc.edu
sftp> cd cs596/as03
sftp> put global_pi.c
sftp> put global_pi_iso.c
sftp> put global_pi.sl
```

```
// Compile & run on Discovery
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```
[anakano@discovery1 cs596]$ cd as03
[anakano@discovery1 as03]$ ls
global_pi.c global_pi_iso.c global_pi.sl
[anakano@discovery1 as03]$ mpicc -O -o global_pi global_pi.c -lm
[anakano@discovery1 as03]$ mpicc -O -o global_pi_iso global_pi_iso.c -lm
[anakano@discovery1 as03]$ sbatch global_pi.sl
Submitted batch job 5919134
[anakano@discovery1 as03]$ squeue -u anakano
  JOBID PARTITION   NAME     USER ST   TIME  NODES NODELIST(REASON)
5919134      main global_p anakano R    0:02     4 d18-[18-21]
[anakano@discovery1 as03]$ ls
global_pi  global_pi_iso  global_pi.out
global_pi.c global_pi_iso.c global_pi.sl
```

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// Transfer the output file from Discovery to laptop for plotting the results
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sftp> get global_pi.out
sftp> exit
```