

Shell Interpreter  
(shebang)

Name of Job

```
#!/bin/bash
```

```
#PBS -N lasso_simulation
```

```
#PBS -l nodes=1:ppn=2
```

```
#PBS -l walltime=00:30:00
```

Use Nodes in Queue  
(stat or secondary)

```
#PBS -q secondary
```

Join output streams  
(STDOUT and STDERR)

```
#PBS -j oe
```

```
#####
```

```
cd $PBS_O_WORKDIR
```

```
Rscript my_lasso_sim.R
```

Run simulation

**nodes:** Number of Compute Nodes.  
**Use 1, Max 2 (on STAT)**

**ppn:** Number of Cores (CPUs).  
**Use between 1 - 40**

**walltime:** How long may the job run before ending?  
Format is **HH:MM:SS**, H is Hour,  
M is Minute,  
S is Second

Change into working  
directory where  
qsub was issued