#!/bin/bash

# Which queue to be used

#PBS -q hotel

# Name of the job

#PBS -N 12500\_1

# How many machines and # of cores per machine

#PBS -l nodes=1:ppn=1

# The name of regular output file.

#PBS -o 12500\_1.out

# The name of error output file.

#PBS -e 12500\_1.err

# set the maximum long time

#PBS -l walltime=05:00:00

# the account to charge my usage. Use your login name

#PBS -A ucsb-train21

#PBS -V

# the email to notify the job status

#PBS -M giorulesall@gmail.com

# send an email at the beginning and the end of your job and also if there is an error

#PBS -m abe

# Then you run "qsub example.sh" to execute this file in a queue

# You may do "qsub -I", and then "sh example.sh" as an interactive job

cd ~/output

mpirun -v -machinefile $PBS\_NODEFILE -np 1 ./mat\_mult