!/bin/bash

read -p "Enter inpute file name: " INPUTEFILE

echo

read -p "Please enter other options e.g. scr=y news=n old=y sdir=/home/cfd/test: " OPTIONS

echo

read -p "Please enter number of cores to use: " num\_cores

echo

echo " Command line to be executed is as below "

echo "/opt/apps/msc/MSC\_Nastran/20122/bin/nast20122 $INPUTEFILE $OPTIONS "

exec 3>&1 >nastran\_20122\_job\_submit\_script.sh

echo "#!/bin/bash"

echo "#$ -N nastranJOB"

echo "#$ -cwd"

echo "#$ -q ansys1.q"

echo "#$ -S /bin/bash"

echo '#$ -e err.$JOB\_ID.$JOB\_NAME'

echo '#$ -o out.$JOB\_ID.$JOB\_NAME'

echo "#$ -pe full\_node `echo $num\_cores`"

##echo "#$ -pe fea `echo $num\_cores`"

echo "#$ -V"

echo

echo "/opt/apps/msc/MSC\_Nastran/20122/bin/nast20122 $INPUTEFILE $OPTIONS "

echo

echo

exec >&3-

qsub nastran\_20122\_job\_submit\_script.sh