#!/bin/sh

#Script to create 10,000 Files, 2000 Rows and 50 Columns

#set different Column, row and file Counter Variables to track

colcnt=1

rowcnt=1

filecnt=1

cleanup() #remove temp files & earlier files

{

rm foo\* Assignment\*

}

#Create the 50 rows before converting to Columns

createColumns()

{

while [[ “$colcnt” –le 50 ]]

do

echo column\_$colcnt >> foo

colcnt=$((colcnt+1))

done

#convert rows to 50 Columns

Awk ‘{printf “%s\t”, $1}’ foo > foo.temp

echo “\*\*\*50 Columns Created\*\*\*”

}

#Create 2000 rows of the previous content

createFile()

{

newcnt=$1

rowcnt=1

while [[ “$rowcnt –le 2000 ]]

do

cat foo.temp >> Assignment\_fileShenoy\_$newcnt.out

rowcnt=$((rowcnt+1))

echo “\n “ >> Assignment\_fileShenoy\_$newcnt.out

done

echo “ \*\*\*created file Assignment\_fileShenoy\_$newcnt.out Successful\*\*\* ”

}

#main process

cleanup

createColumns

while [[ “$filecnt –le 10000 ]]

do

createFile $filecnt

filecnt=$((filecnt+1))

done

echo “ THE END”