OS ASSIGNMENT-1

#!/bin/bash

echo "1. create address bus "

echo "2. view address bus "

echo "3. insert a record "

echo "4. delete record "

echo "5. modify record"

echo

echo "6. exit"

echo " enter ur choice "

read opt

case $opt in

1)

echo " enter rollnumber of student "

read rollno

echo " enter name of student "

read name

echo " enter marks iot "

read iot

echo " enter marks os "

read os

echo " enter marks toc "

read toc

record="$rollno $name $iot $os $toc "

echo $record>stud;;

2)

echo " view information of student"

cat stud ;;

3)

echo " enter rollnumber of student "

read rollno

echo " enter name of student "

read name

echo " enter marks iot "

read iot

echo " enter marks os "

read os

echo " enter marks toc "

read toc

record="$rollno $name $iot $os $toc "

echo $record>stud;;

4) echo " enter roll number "

read rollno

grep ^$rollno stud

if [ $? -ne 0 ]; then

echo "record for roll number does not exist "

else

grep -v $rollno stud>>tmp

cp tmp stud

echo "deletion complete "

fi

;;

5) echo " enter roll number "

read rollno1

grep ^$rollno stud

if [ $? -ne 0 ]; then

echo "record for roll number does not exist "

else

echo " enter roll number "

read rollno

echo " enter name of student "

read name

echo " enter marks iot "

read iot

echo " enter marks os "

read os

echo " enter marks toc "

read toc

record="$rollno $name $iot $os $toc "

var=`grep -n ^$rollno1 stud | cut -c 1`

echo $var

var1=`expr $var - 1`

head -$var1 stud>temp

echo $record>>temp

var3=`wc -l < stud`

var2=`expr $var3 - $var `

tail -$var2 stud>>temp

cp temp stud

fi

;;

esac