while true

do

echo"implementing 10 unix commands"

echo"1.listing"

echo"2.display"

echo"3.calender"

echo"4.date"

echo"5.tty"

echo"6.user name"

echo"7.who"

echo"8.time taken by a process"

echo"9.make a directory"

echo"10.find a file"

echo"\*.exit"

read choice

case $choice in

1)echo "list of files in the directory"

ls -l;;

2)echo"welcome to unix";;

3)cal;;

4)date;;

5)tty;;

6)uname;;

7)who;;

8)sleep 2;;

9)echo"enter directory name"

read name

mkdir name

ls -l;

10)echo"enter a file"

read file

find file;;

\*)exit;;

psac

done

**2)**

echo "The list of files with read, write and execute permission"

for file in \*

do

if [ -f $file ]

then

if [ -r $file -a -w $file -a -x $file ]

then

ls -l $file

fi

fi

done

**3)**

clear

echo "Enter the number of files:"

read n

echo "Enter the file names:"

read file

set $file

for i in `cat $1`

do

echo "word= $i"

echo "-----------"

for j in $@

do

echo "$j = `grep -o -i "$i" $j | wc -l`"

done

echo "-----------"

done

**4)**

echo “Enter the file name:”

read file

for x in $file

do

if [ ! -f $x ]

then

echo “file not found!”

continue

fi

tr ‘[a-z]’ ‘[A-Z]’ < $x

done

**5)**

while true

do

echo "enter the filename"

read file

echo "1. to select the lines from a file that has exactly 2 char"

echo "2. To select the lines from a file that has more than 2 spaces"

echo "3.exit"

echo "Enter your choice"

read ch

case $ch in

1) echo "lines that have only 2 char"

grep -n '\<..\>' $file;;

2) echo "lines that has more than 2 spaces are"

grep '[[:space:]]\{2,\}' $file;;

\*) exit;;

esac

done

**6)**

echo "Enter the first filename:"

read file1

echo "Enter the second filename:"

read file2

if [ -f $file1 ]

then

if cmp $file1 $file2

then

echo "The contents are same. Deleting the second file"

rm $file2

else

echo "The contents are different"

fi

else

echo "File/s not found"

fi

**7)**

echo "Enter the filename:"

read file

count=0

awk '$0!~/[aeiou]/{ count++ }END{printf "The number of lines without vowels are: %d\n",count}' $file

echo "Enter the filename:"

read file

chars=`cat $file | wc -c`

words=`cat $file | wc -w`

lines=`grep -c "." $file`

echo "The file has $chars characters, $words words and $lines lines."

**8)**

echo "Enter the directory name:"

read dir

for file in "${dir}/"\*

do

echo $file

done

**9)**

echo "List of users currently logged in are:"

who

**10)**

if [ $# -eq 3 ]

then

cat $1 $2 $3 > merged.txt

echo "Files merged and named merged.txt"

cat merged.txt

else

echo "Supply exactly three files"

fi