

Lab-9

3b) i Write a menu-driven shell script with the following options

1. List of files
2. Display machine characteristics
3. Today's Date
4. Display the name of the terminal
5. Quit out of Unix.

```
echo "choose one option"
```

```
read ch
```

```
case $ch in
```

```
1) ls;;
```

```
2) stty;;
```

```
3) date;;
```

```
4) tty;;
```

```
5) exit;;
```

```
esac
```

O/P

choose one option

4

/dev/pts/0.

① Write shell script to print all prime numbers from m to n where m and n are taken as input.

```
echo "enter m and n"
```

```
read m n
```

```
for a in $(seq $m $n)
```

```
do
```

```
  k=0
```

```
  for i in $(seq 2 $(expr $a - 1))
```

```
  do
```

```
    if [ $(expr $a % $i) -eq 0 ]
```

```
    then
```

```
      k=1
```

```
      break
```

```
    fi
```

```
  done
```

if [\$k - eq 0]

then

echo \$a

fi

done.

O/P

enter m and n

3 10

3

5

7.

3b2. echo "enter details"

read unit

bill=0

if [\$unit -le 199]

then

bill="echo \$unit * 1.2 | bc"

fi

if [\$unit -ge 200] && [\$unit -lt 400]

then

bill="echo \$unit * 1.50 | bc"

fi

if [\$unit -ge 400] && [\$unit -lt 600]

then

bill="echo \$unit * 1.8 | bc"

fi

if [\$unit -ge 600]

then

bill="echo \$unit * 1.5 | bc"

fi

if [\$bill -gt 400]
then

bill = \$(bill * 0.15 + \$bill)
fi

O/P

Enter Units = 200

bill = 300

④ Code to copy multiple files into a directory

cp -r sourcedir destdir

⑤ Write Script to Convert decimal to binary

echo "Enter n"

read n

c = \$ [echo "obase=2; \$n" | bc]

echo "\$c"

O/P

enter n: 44

101100

0/p
06/12/22