if bill exceeds Rs 400 then a surcharge of 15% will be charged and the minimum bill should be of RS 100/-

(34)

8) Ans:-

```
echo " Enter your choice"
read ch
case "$ch" in
1) echo " List of files `ls` "
   ;;
2) echo " Display characteristics of machine `stty`
   ;;
3) echo " Date is: `date` "
   ;;
4) echo " name of terminal `tty` "
   ;;
5) exho " Quit out of linux: `exit` "
   ;;
esac
```

output:

Enter your choice
List of files: 024

lbm20cs036
lbm20cs67
lbm20cs456
3bl.sh
abc.html
arith.sh.

Enter your choice.
2
machine characteristic : Intel 3840
line=0; -brkint -icanon -iexten -imaxbel iutf8.

Enter your choice.
3
today's date : Monday 26 december 2022 12:00:07 PM IST

Enter your choice
4
display the name of terminal : /dev/pts

Enter your choice
5
9/11 of linux.

ii)
```
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 \* 1.80 |bc"
fi
if [ $bill -gt 400 ]
then
bill=$(( $bill \* 0.15+$bill ))
fi
if [ $bill -lt 100 ]
then
bill=100
fi
echo "$bill
```

Date: / /

write a Shell script to print all prime numbers from m to n where m and n are taken as i/p.

```
echo " Enter the value of m"
read m
echo " Enter the value of n"
read 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
```

paperg

Date: / /

output:

Enter m and n: 3 10

3

5

7

O/P Sum

26/12/22