

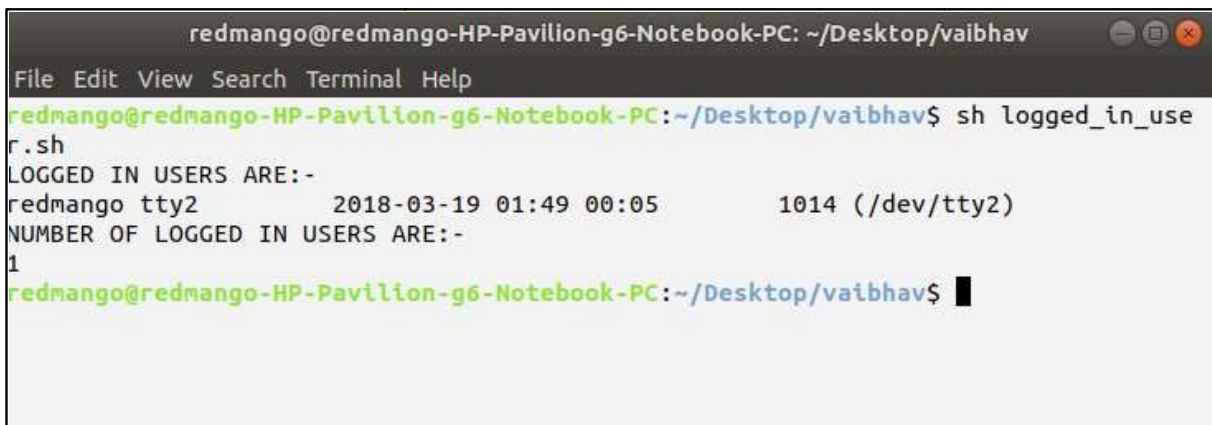
Experiment No:- 8

Aim:- Write a shell script program to display list of user currently logged in

Program:-

```
echo "LOGGED IN USERS ARE:-";  
who -u  
echo "NUMBER OF LOGGED IN USERS ARE:-";  
who -u| wc -l
```

Output:-



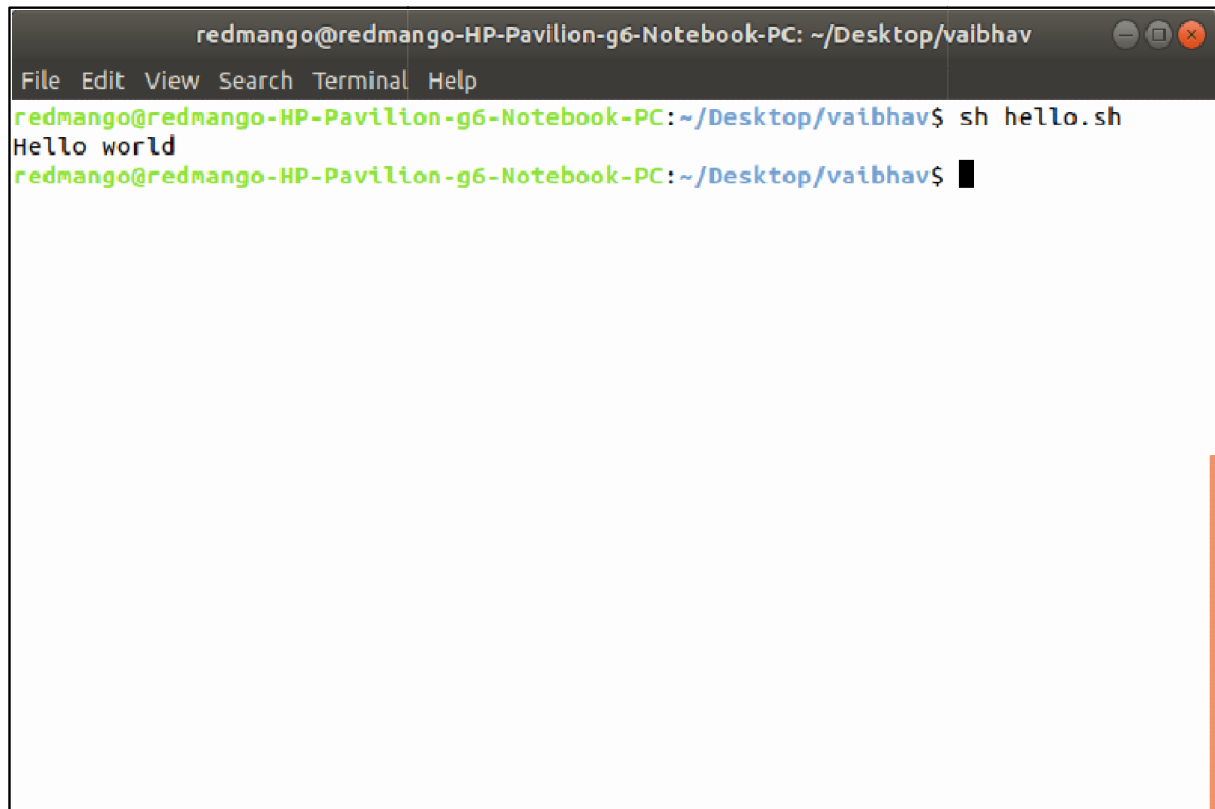
```
redmango@redmango-HP-Pavilion-g6-Notebook-PC: ~/Desktop/vaibhav  
File Edit View Search Terminal Help  
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$ sh logged_in_use  
r.sh  
LOGGED IN USERS ARE:-  
redmango tty2          2018-03-19 01:49 00:05          1014 (/dev/tty2)  
NUMBER OF LOGGED IN USERS ARE:-  
1  
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$
```

Aim:- Write a shell script program to display “HELLO WORLD”

Program:-

```
echo "Hello world"
```

Output:-



```
redmango@redmango-HP-Pavilion-g6-Notebook-PC: ~/Desktop/vaibhav
File Edit View Search Terminal Help
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$ sh hello.sh
Hello world
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$
```

Aim:- Write a shell script program for basic arithmetic calculations

Program:-

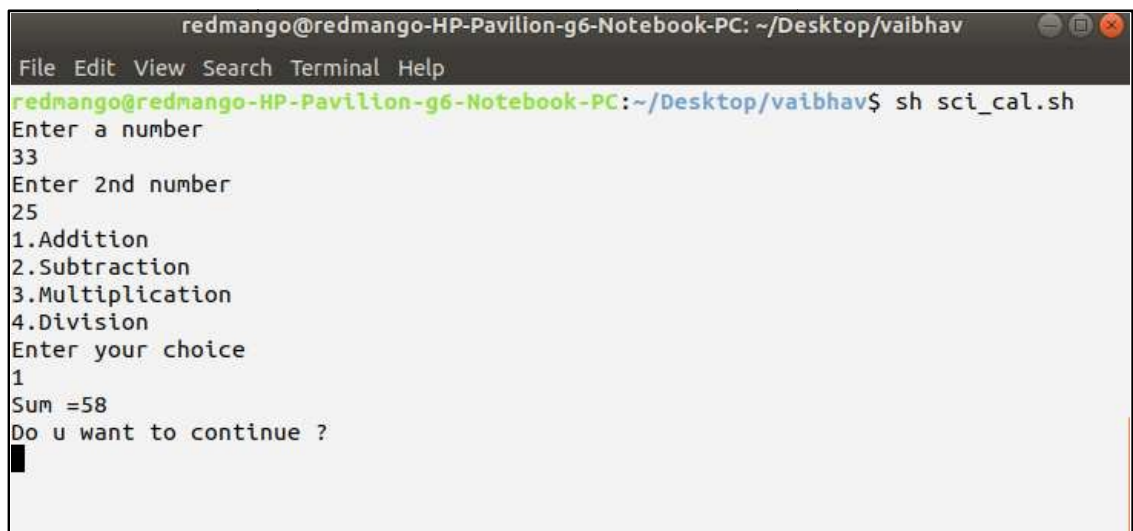
```
sum=0
i="y"
echo "Enter a number"
read n1
echo "Enter 2nd number"
read n2

while [ $i = "y" ]
do
echo "1.Addition"
echo "2.Subtraction"
echo "3.Multiplication"
echo "4.Division"
echo "Enter your choice"
read ch

case $ch in
1)sum=`expr $n1 + $n2`
echo "Sum ="$sum;;
2)sum=`expr $n1 - $n2`
echo "Sub ="$sum;;
3)sum=`expr $n1 \* $n2`
echo "Mul ="$sum;;
4)sum=`expr $n1 / $n2`
echo "Div ="$sum;;
*)echo "Invalid choice";;
esac

echo "Do u want to continue ?"
read i
if [ $i != "y" ]
then
exit
fi
done
```

Output:-



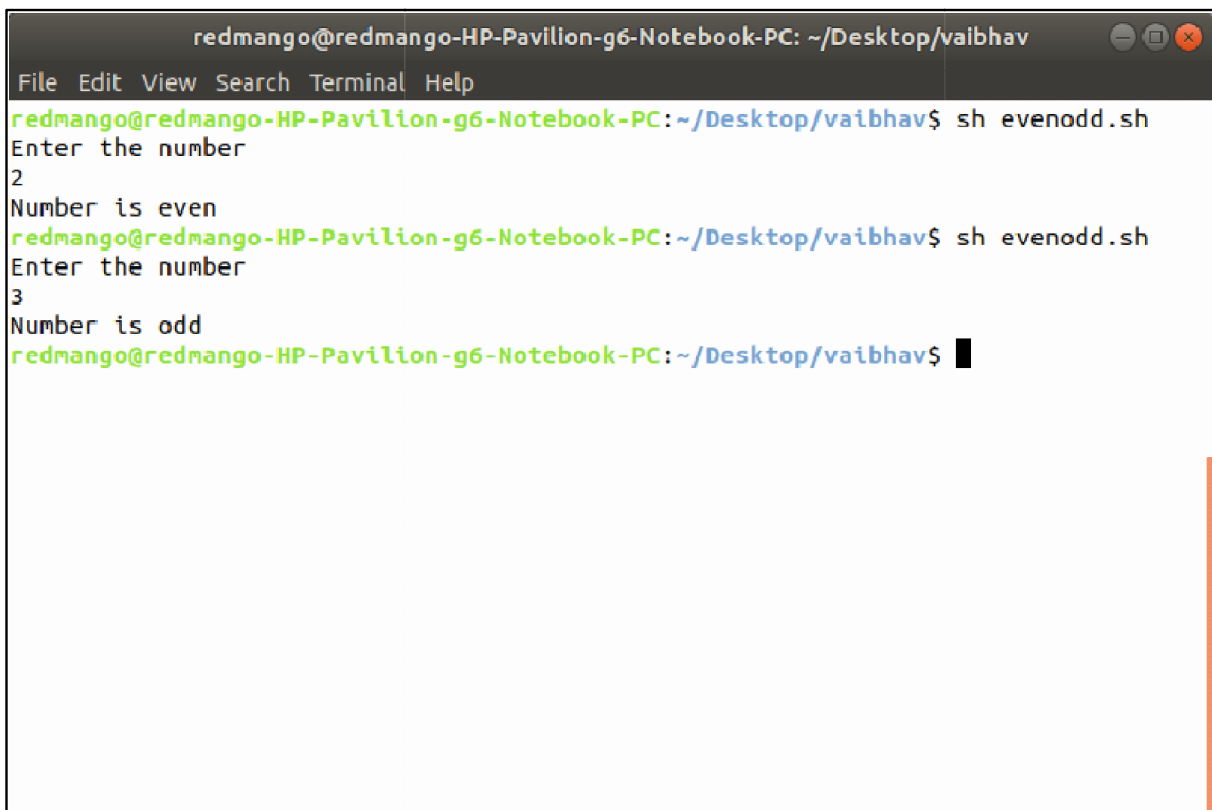
```
redmango@redmango-HP-Pavilion-g6-Notebook-PC: ~/Desktop/vaibhav
File Edit View Search Terminal Help
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$ sh sci_cal.sh
Enter a number
33
Enter 2nd number
25
1.Addition
2.Subtraction
3.Multiplication
4.Division
Enter your choice
1
Sum =58
Do u want to continue ?
█
```

Aim:- Write a shell script program to check whether the given number is even or odd

Program:-

```
cho "Enter the number "  
read n  
rem=$(( $n % 2 ))  
if [ $rem -eq 0 ]  
then  
echo "Number is even"  
else  
echo "Number is odd"  
fi
```

Output:-



```
redmango@redmango-HP-Pavilion-g6-Notebook-PC: ~/Desktop/vaibhav  
File Edit View Search Terminal Help  
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$ sh evenodd.sh  
Enter the number  
2  
Number is even  
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$ sh evenodd.sh  
Enter the number  
3  
Number is odd  
redmango@redmango-HP-Pavilion-g6-Notebook-PC:~/Desktop/vaibhav$
```