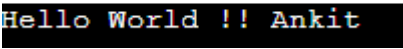


## PRATICAL-09

**AIM:** To implement shell script.

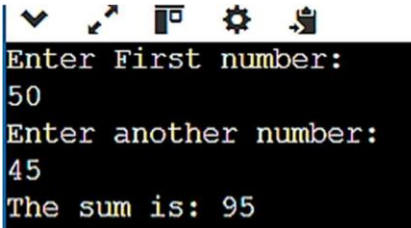
1. Write a program to print hello World ! Ankit

```
main.bash
1 echo "Hello World !! Ankit";
2
3
```



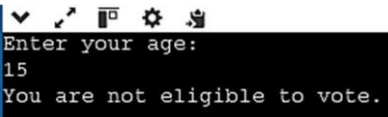
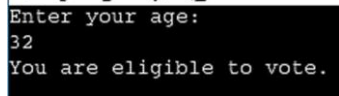
4. Write a program to take input from the user and add numbers :

```
main.bash
1 echo "Enter First number: "
2 read num1
3 echo "Enter another number: "
4 read num2
5 sum=$((num1 + num2))
6 echo "The sum is: $sum"
7
```



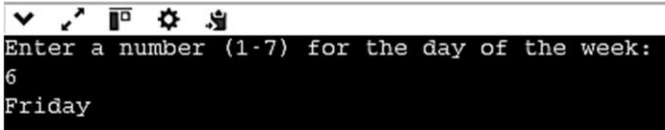
5. Write a program to check whether an individual is eligible to vote :

```
main.bash
1 echo "Enter your age: "
2 read Age
3
4 if [ "$Age" -ge 18 ]; then
5     echo "You are eligible to vote."
6 else
7     echo "You are not eligible to vote."
8 fi
```



6. Write a program to print the day of the week using a switch case :

```
main.bash
1 echo "Enter a number (1-7) for the day of the week: "
2 read day
3 case $day in
4     1) echo "Sunday" ;;
5     2) echo "Monday" ;;
6     3) echo "Tuesday" ;;
7     4) echo "Wednesday" ;;
8     5) echo "Thursday" ;;
9     6) echo "Friday" ;;
10    7) echo "Saturday" ;;
11    *) echo "Invalid input! Please enter a number between 1 and 7." ;;
12 esac
```



## 7. Write a program To Print N Number Using For ,While And Until Loop :

### a. using for loop

```
main.bash
1 echo "Enter a number: "
2 read N
3
4 for ((i = 1; i <= N; i++))
5 do
6     echo -n " $i"
7 done
```

```
Enter a number:
6
1 2 3 4 5 6
```

### b. using while loop

```
main.bash
1 echo "Enter a number: "
2 read N
3 i=1
4
5 while [ $i -le $N ]
6 do
7     echo -n "$i |"
8     ((i++))
9 done
```

```
Enter a number:
6
1 2 3 4 5 6
```

### c. using until loop

```
main.bash
1 echo "Enter a number: "
2 read N
3 i=1
4
5 until [ $i -gt $N ]
6 do
7     echo -n "$i |"
8     ((i++))
9 done
```

```
Enter a number:
6
1 2 3 4 5 6
```

## 8. Write a program to find greatest nubmer between three number :

```
main.bash
1 echo -n "Enter first number: "
2 read num1
3 echo -n "Enter second number: "
4 read num2
5 echo -n "Enter third number: "
6 read num3
7 if [ "$num1" -ge "$num2" ] && [ "$num1" -ge "$num3" ]; then
8     echo "The greatest number is: $num1"
9 elif [ "$num2" -ge "$num1" ] && [ "$num2" -ge "$num3" ]; then
10    echo "The greatest number is: $num2"
11 else
12    echo "The greatest number is: $num3"
13 fi
```

```
Enter first number: 54
Enter second number: 36
Enter third number: 42
The greatest number is: 54
```