LAB- 03 Activity

Name : **Ibadullah Shaikh**

Roll No : **19K-0259**

Section : **BCS- 4H**

Task 1:

```
ibadullah_shaikh@ibadullah:~$ for i in {0..9}; do echo "$((i+1)))Welcome to the
 World of Shell Scripting"; done
1)Welcome to the World of Shell Scripting
2)Welcome to the World of Shell Scripting
3)Welcome to the World of Shell Scripting
4)Welcome to the World of Shell Scripting
5)Welcome to the World of Shell Scripting
6)Welcome to the World of Shell Scripting
7)Welcome to the World of Shell Scripting
8)Welcome to the World of Shell Scripting
9)Welcome to the World of Shell Scripting
10)Welcome to the World of Shell Scripting
ibadullah_shaikh@ibadullah:~$
```

Task 2:

```
ibadullah_shaikh@ibadullah:~$ touch Q2.sh
ibadullah_shaikh@ibadullah:~$ gedit Q2.sh
ibadullah_shaikh@ibadullah:~$ ./Q2.sh
bash: ./Q2.sh: Permission denied
ibadullah_shaikh@ibadullah:~$ chmod +x ./Q2.sh
ibadullah_shaikh@ibadullah:~$ ./Q2.sh
Enter Your Name: Ibadullah
Enter Your Batch-No: 2019
Enter Your Degree Program: BS-CS
Enter Your Course Title: Operating Systems
Ibadullah
2019
BS-CS
Operating Systems
ibadullah_shaikh@ibadullah:~$
```

Task 3:

```
ibadullah_shaikh@ibadullah:~$ ./Q3.sh
Enter any Number to Check: 45
45 is Positive
ibadullah_shaikh@ibadullah:~$ ./Q3.sh
Enter any Number to Check: -45
-45 is Negative
ibadullah_shaikh@ibadullah:~$
```

Task 4:

```
ibadullah_shaikh@ibadullah:~$ touch Q4.sh
ibadullah_shaikh@ibadullah:~$ gedit Q4.sh
ibadullah_shaikh@ibadullah:~$ chmod +x ./Q4.sh
ibadullah_shaikh@ibadullah:~$ ./Q4.sh
Enter any Number to Check: 45
45 is Prime
ibadullah_shaikh@ibadullah:~$ ./Q4.sh
Enter any Number to Check: 34
34 is Not a Prime
ibadullah_shaikh@ibadullah:~$
```

Task 5:

```
ibadullah_shaikh@ibadullah:~$ touch Q5.sh
ibadullah_shaikh@ibadullah:~$ gedit Q5.sh
ibadullah_shaikh@ibadullah:~$ chmod +x ./Q5.sh
ibadullah_shaikh@ibadullah:~$ ./Q5.sh
Enter any 5 Numbers:
2
6
7
4
9

Max. Number is: 9
Min. Number is: 2
```

(Note: Task 6 and 7 are of functions, will be done recursively and we have not studied functions.**)**

Task 8:

```
ibadullah_shaikh@ibadullah:~$ ./Q8.sh
mkdir: cannot create directory 'main': File exists
mkdir: cannot create directory 'shelldir': File exists
mkdir: cannot create directory 'cdir': File exists
mkdir: cannot create directory 'jpgdir': File exists
Enter File name format should be .jpg || .sh || .c one two three
cdir   jpgdir   one.jpg   shelldir   three.c   two.sh
mv: missing destination file operand after '*.jpg/jpgdir'
Try 'mv --help' for more information.
mv: missing destination file operand after '*.sh/shelldir'
Try 'mv --help' for more information.
mv: missing destination file operand after '*.c/cdir'
Try 'mv --help' for more information.
cdir   jpgdir   one.jpg   shelldir   three.c   two.sh
Moved...!!
ibadullah_shaikh@ibadullah:~$
```