

Assignment –6

1. Enter your Roll No, Class, Branch and College Name. Also enter First Name, Middle name and Surname. Prompt the user to enter each input separately. Display Student information.

Code: —\$ #!/bin/bash

```
echo -n "Enter your First Name: "
```

```
read fname
```

```
echo -n "Enter Your Middle Name: "
```

```
read mname
```

```
echo -n "Enter Your Surname: "
```

```
read sname
```

```
echo -n "Enter Your Roll Number: "
```

```
read rno
```

```
echo -n "Enter Your Class: "
```

```
read class
```

```
echo -n "Enter Your Branch: "
```

```
read branch
```

```
echo -n "Enter Your College Name: "
```

```
read cname
```

```
echo -e "\nName: $fname $mname $sname \nRoll no: $rno \nClass:
```

```
$class \nBranch: $branch \nCollege name: $cname "
```

Output:

Enter your First Name: Darshan

Enter Your Middle Name: Dev

Enter Your Surname: Rander

Enter Your Roll Number: 77

Enter Your Class: S2

Enter Your Branch: IT

Enter Your College Name: Thadomal Shahani Engineering College

2. Display table of your roll number up to 12**Code:**

```
cho -n "Enter Your Roll Number: "  
read n  
i=1  
while [ $i -le 12 ]  
do  
echo " $n * $i = `expr $n \* $i` "  
i=`expr $i + 1`  
done
```

Output:

Enter Your Roll Number: 77

$$77 * 1 = 77$$

$$77 * 2 = 154$$

$$77 * 3 = 231$$

$$77 * 4 = 308$$

$$77 * 5 = 385$$

$$77 * 6 = 462$$

$$77 * 7 = 539$$

$$77 * 8 = 616$$

$$77 * 9 = 693$$

$$77 * 10 = 770$$

$$77 * 11 = 847$$

$$77 * 12 = 924$$

3. Display the number of lines, words and characters if a file

Code:

```
echo Enter the filename
```

```
read file w=`cat $file | wc -w`
```

```
c=`cat $file | wc -c` l=`grep -c "." $file`
```

```
echo Number of characters in $file is $c
```

```
echo Number of words in $file is $w
```

```
echo Number of lines in $file is $l
```

Output:

Enter the filename

TextFile.txt

Number of characters in TextFile.txt is 74

Number of words in TextFile.txt is 17

Number of lines in TextFile.txt is 5