**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