

1. Write a shell script to scan your name and display it like My college Name is :UVPCE

```
21012021003@telnetserver:~$ echo UVPCE
UVPCE
21012021003@telnetserver:~$ read college_name
UVPCE
21012021003@telnetserver:~$ echo My college name is $college_name
My college name is UVPCE
```

2. Write a shell script to scan two variables and to display their sum, mul, div, sub and modulo division.

```
21012021003@telnetserver:~$ read a
23
21012021003@telnetserver:~$ read b
54
21012021003@telnetserver:~$ echo `expr $a + $b`
77
21012021003@telnetserver:~$ echo `expr $a - $b`
-31
21012021003@telnetserver:~$ echo `expr $a \* $b`
1242
21012021003@telnetserver:~$ echo `expr $a / $b`
0
21012021003@telnetserver:~$ echo `expr $a % $b`
23
```

3. Write a shell script to scan two variables and to display their sum, mul, div, sub and modulo division as per the user choice. (no need to continue, only once is OK)

```

echo Enter first number
read a
echo Enter second number
read b
echo Enter your choice :
echo 1.addition
echo 2.substraction
echo 3.multiplication
echo 4.division
echo 5.modulo
read c

if [ $c == 1 ]
then
echo `expr $a + $b`

elif [ $c == 2 ]
then
echo `expr $a - $b`

elif [ $c == 3 ]
then
echo `expr $a \* $b`

elif [ $c == 4 ]
then
echo `expr $a / $b`

elif [ $c == 5 ]
then
echo `expr $a % $b`

else
echo Enter the number from 1-5!
fi

21012021003@telnetserver:~$ chmod +x pr2
21012021003@telnetserver:~$ ./pr2
Enter first number
4
Enter second number
5
Enter your choice :
1.addition
2.substraction
3.multiplication
4.division
5.modulo
2
-1

```

4. Write a shell script to find greatest of two. Script must consider the case where two numbers are equal.

```

echo enter first number
read a
echo second number
read b
if [ $a -gt $b ]
then
echo $a is greater.
elif [ $a = $b ]
then
echo all numbers are same.
else
echo $b is greater.
fi

```

```

21012021003@telnetserver:~$ ./pr4
enter first number
5
second number
5
all numbers are same.

```

```

21012021003@telnetserver:~$ chmod +x pr4
21012021003@telnetserver:~$ ./pr4
enter first number
5
second number
6
6 is greater.

```

5. Write a shell script to find greatest of three. Script must consider the case where two numbers are equal.

```

echo enter first number
read a
echo second number
read b
echo enter third number
read c
if [ $a -gt $b ] && [ $a -gt $c ]
then
echo $a is greater.
elif [ $b -gt $a ] && [ $b -gt $c ]
then
echo $b is greater.
elif [ $a = $b ] && [ $a = $c ]
then
echo all numbers are same.
else
echo $c is greater.
fi

```

```

21012021003@telnetserver:~$ vi pr3
21012021003@telnetserver:~$ ./pr3
enter first number
4
second number
5
enter third number
6
6 is greater.

```