Concepts of Operating System

Class Work (Day - 4)

1. p1.sh --> Check number is equal to 5 or not

```
echo Enter Num1
read Num1
if [ $Num1 -eq 5 ]
then
        echo Number is equal to 5
else
        echo Number is not equal to 5
fi
```

```
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ nano p1
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ bash p1
Enter Num1
2
Number is not equal to 5
cdac@LAPTOP-PLD6211J:~/ShellProgramming$
```

2. p2.sh --> Compare two numbers

```
echo Enter Num1
read Num1
echo Enter Num2
read Num2
if [ $Num1 -gt $Num2 ]
then
        echo Num1 is greater
else
        echo Num2 is greater
fi
```

```
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ nano p2
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ bash p2
Enter Num1
100
Enter Num2
101
Num2 is greater
```

3. p3.sh --> Greatest of 3 numbers

```
echo Enter Num1
read Num1
echo Enter Num2
read Num2
echo Enter Num3
read Num3

if [ $Num1 -gt $Num2 ]
then

if [ $Num1 -gt $Num3 ]
then
        echo Num1 is greatest
else
        echo Num3 is greatest
fi

else

if [ $Num2 -gt $Num3 ]
then
        echo Num2 is greatest
else
        echo Num3 is greatest
fi

fi
```

```
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ nano p3
cdac@LAPTOP-PLD6211J:~/ShellProgramming$ bash p3
Enter Num1
100
Enter Num2
200
Enter Num3
300
Num3 is greatest
```