EmbedUR - Linux Training Program

Module - 4

Assignment – 23 (Arithmetic Comparisons)

1) Write a program to demonstrate the use of not equal to operator.
   Hint: -ne

Output:

```
aswinsankesh@aswin-linux:~$ gedit notequalto.sh &
[2] 2473
aswinsankesh@aswin-linux:~$ chmod +x notequalto.sh
[2]+  Done                    gedit notequalto.sh
aswinsankesh@aswin-linux:~$ ./notequalto.sh
enter 1st number: 3
enter 2nd number: 4
Both numbers are not equal
aswinsankesh@aswin-linux:~$ ./notequalto.sh
enter 1st number: 5
enter 2nd number: 5
Both numbers are equal!
aswinsankesh@aswin-linux:~$
```

File:

```
1 #!/bin/bash
2
3 read -p "enter 1st number: " n1
4 read -p "enter 2nd number: " n2
5
6 if [ $n1 -ne $n2 ]; then
7 echo "Both numbers are not equal"
8 else
9  echo 'Both numbers are equal!'
10 fi
11
```

Explanation:

-ne => this flag is used as a not equal to flag to compare whether two numbers or not equal.