

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:



```
sri@sri-Mi-NoteBook-Horizon-Edition-14: ~  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ gedit comparison.sh &  
[4] 18513  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ chmod +x comparison.sh  
[4]+  Done      gedit comparison.sh  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ ./comparison.sh  
enter first number: 3  
enter second number: 4  
numbers are not equal!  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ ./comparison.sh  
enter first number: 3  
enter second number: 3  
numbers are equal  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$
```

File:



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