

Arithmetic Comparison

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

Code:

```
GNU nano 6.2 arithmetic_operators.sh
#!/bin/bash

read -p "Enter first file name:" file1
size1=$(ls -l $file1 | awk -F'[ ]' '{print $5}')
read -p "Enter second file name:" file2
size2=$(ls -l $file2 | awk -F'[ ]' '{print $5}')
if [ $size1 -ne $size2 ]; then
echo "Both files are of different sizes";
else
echo "Both files are of same size";
fi
```

Output:

```
harsh@harsh:~$ ./arithmetic_operators.sh
Enter first file name:names.txt
Enter second file name:numbers.txt
Both files are of same size
harsh@harsh:~$ ./arithmetic_operators.sh
Enter first file name:names.txt
Enter second file name:add.sh
Both files are of different sizes
harsh@harsh:~$
```