### Experiment – No-4

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| --- | --- | --- |
| Objective: Program to find two number are equal or not. | | |
| Scheduled Date | Compiled Date | Submission Date |
| 27-Dec-2020 | 27-Dec-2020 | 27-Dec-2020 |

### Program : A program to find two number are equal or not.

### Algorithm

Step 1: Start

Step 2: Declare variables num1, num2.

Step 3: Read value of num1, num2.

Step 4: Apply Condition.

(num1 = num2)

Step 5: print num1 is equal num2 using printf.

Step 6: else,

Print both are equal using printf.

Step 7: Stop.

### Flowchart Segment:

Input num1, num2

If

num1=num2

**true false**

Print

“num1is equal num2”

Print

“Not equal”

**Program**

#include<stdio.h>

void main()

{

    int num1, num2;

    printf("Enter 2 numbers: ");

    scanf("%d%d",&num1, &num2);

    (num1 == num2) ? printf("%d is equal %d", num1, num2):

    (num1 == num2) ? printf("%d is equal %d", num2, num1): printf("Both numbers are not equal", num2, num1);

}

### Output Screen

PS C:\Users\WIN10\Desktop\clab> gcc equal.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter 2 numbers: 4 4

4 is equal 4

PS C:\Users\WIN10\Desktop\clab> gcc equal.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter 2 numbers: 5 6

Both numbers are not equal