### Experiment – No-1

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| --- | --- | --- |
| Objective: Program to swap the value of two integer on third variable. | | |
| Scheduled Date | Compiled Date | Submission Date |
| 21-Dec-2020 | 20-Dec-2020 | 23-Dec-2020 |

### Program : A program to calculate the area and circumference of circle.

### Algorithm

Step 1: Start

Step 2: Declare variables a, b, swap.

Step 3: Read value of a, b, swap.

Step 4: Give swap = a;

a = b;

b = swap;

Step 5: Print after swapping.

Step 6: Stop.

### Flowchart Segment:

Input a, b

swap

Read a and b

Swap = a;

a = b;

b = swap;

**Program**

//Program of swap 2 number into third variable

#include<stdio.h>

void main()

{

    int a, b, swap;

    printf("Enter any two value\n");

    scanf("%d%d",&a ,&b);

    swap = a;

    a = b;

    b = swap;

    printf("/n After swapping value of a is %d and value of b is %d", a, b);

}

### Output Screen

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

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

Enter any two value

3 4

/n After swapping value of a is 4 and value of b is 3