**Experiment No-10**

Write a program to find square root of any number.

**Algorithm**

Step 1 Start

Step 2 Initialize variables num and root as float.

Step 3 Input number in float.

Step 4 find square root of number using formula.

Step 5 print root .

Step 6 Stop

**Source code:**

#include <stdio.h>

void main()

{

float nuum and root;

printf("Enter any number to find square root ");

scanf("%f", &num);

root= sqrt(num)

printf(" square root of %2f= %2f”, num, root);

getch();

}

**Output**

Enter any number to find square root 16

Square root of 16.00= 4.00

**Flow chart**

Area=Length\*width

Input num

root= sqrt(num)

32

Print root

x