**Experiment No-7**

Write a program that convert temperature from degree Celsius to Fahrenheit.

**Algorithm**

Step 1 Start

Step 2 Initialize variables Celsius and Fahrenheit as float.

Step 3 Input temperature in celsius.

Step 4 convert celsius into fahrenheit.

Step 5 print fahrenheit.

Step 6 Stop

**Source code:**

#include <stdio.h>

void main()

{

Float celsius and fahrenheit ;

printf("Enter temperature in celsius: ");

scanf("%f", &celsius);

fahrenheit= (celsius\*9/5)+32;

printf(" Temperature in fahrenheit= %2f F”, fahrenheit);

getch();

}

**Output**

Enter temperature in celsius30

Temperature in fahrenheit= 86.00F

**Flow chart**

Area=Length\*width

Input celsius

x

Print fahrenheit

(celsius\*9/5)+32

32