**Ques 1 :** Write the algorithm for the java program to convert the temperature from Fahrenheit to

degree celsius .

**Algorithm :**

step 1 : Start

step 2 : Take the value of temp in fahrenheit (F) from the user .

step 3 : compute the temp using formula : C =(F - 32)\*5/9 .

step 4 : print the output as temp in degree celsius (C).

step 5 : stop

**Flow Chart :**



**Path flow :** 1- 2- 3- 4- 5

**Branch coverage** : 1

**Statement coverage** : 5/5\*100 = 100 %

Node = 5 , edges = 4 therefore

**cyclomatic complexity** v = e - n +2 , V= 4 - 5 +2 = 1