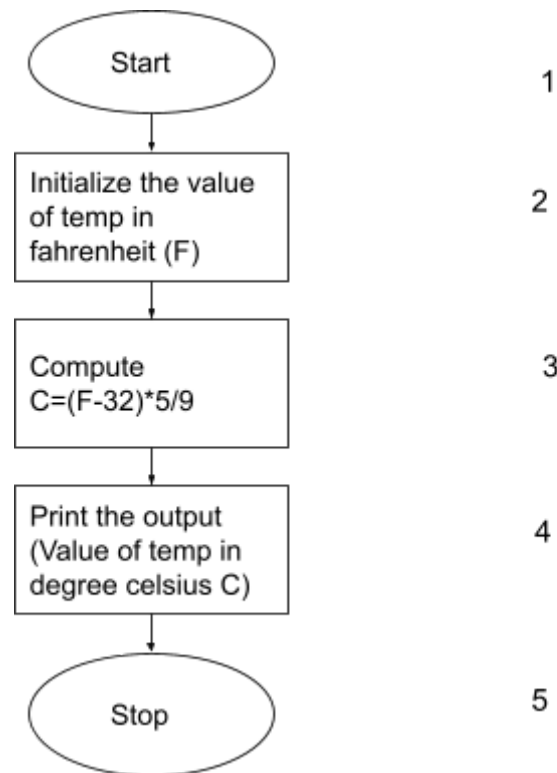


Ques 1 : Write the algorithm for the java program to convert the temperature from Fahrenheit to degree celsius .

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

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

Node = 5 , edges = 4 therefore

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