

Expt. No. 2-2

Experiment - 2-2.

Q) WAP a C program to convert temperature from Celcius to Fahrenheit using the formula: $F = \left(C * \frac{9}{5}\right) + 32$

Sol) # include <stdio.h>

```
int main() {
    float celcius, fahrenheit;
    printf ("enter temperature in celcius");
    scanf ("%f", &celcius);
    fahrenheit = (celcius * 9/5) + 32;
    printf ("temperature in fahrenheit is: %f\n", fahrenheit);
    return 0;
}
```

Online C Compiler - Programiz

programiz.com

Upload files - abhaygupta05.cmpd

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main.c

```
1 // Online C compiler to run C program online
2 #include <stdio.h>
3
4 int main() {
5     float celcius , fahrenheit;
6     printf ("enter temperature in celcius");
7     scanf("%f",&celcius);
8     fahrenheit =(celcius *9/5)+32;
9     printf("temperature in fahrenheit is:%2f\n",fahrenheit);
10    return 0;
11 }
```

Run

Output

```
enter temperature in celcius27
temperature in fahrenheit is:80.599998
==== Code Execution Successful ===
```

The screenshot shows a web-based C compiler interface. On the left, there's a vertical toolbar with icons for various programming languages: Python, C, C++, Go, C#, Java, JavaScript, and TypeScript. The main area has tabs for 'main.c' and other file types. The code editor contains a simple C program that prompts for a temperature in Celcius and prints it back in Fahrenheit. The output window shows the program ran successfully, displaying the input '27' and the output '80.599998'. A banner for VISA advertising international spending rewards is visible at the top right.