

Coding Notes:

- Be sure your function is defined at the top of your program code
- Be sure your function takes in the correct parameter
- Be sure your printing takes place in the function
- Call your function multiple times using a user input loop

Lab: Fahrenheit Function One

Write a program that converts a temperature in from Fahrenheit to Celsius

The formula for converting from F to C is:

$$(\text{temp} - 32) * 5 / 9$$

- Ask the user for a current temperature in Fahrenheit
 - *consider that this might have a decimal in it*
- Call the function from the main body of your program
- Calculate and print the converted result

Using a loop

- allow the user to continue to enter temperatures until they decide to quit

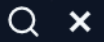
Print out the result of the conversion

- format to 2 decimal places

Challenge:

give the user an additional option of converting from Celsius to Fahrenheit

```
Welcome to the Amazing Fahrenheit to Celcius Converter
When you are done just enter: stop
```



```
What is the Fahreneheit temperature? 32
```

```
Your input was 32.00 F and the output is 0.00 C
```

```
What is the Fahreneheit temperature? 55.6
```

```
Your input was 55.60 F and the output is 13.11 C
```

```
What is the Fahreneheit temperature? 0
```

```
Your input was 0.00 F and the output is -17.78 C
```

```
What is the Fahreneheit temperature? stop
```

```
Ok, looks like we are done for today. Come back anytime my friend.
```



```
Welcome to the Amazing Fahrenheit and Celcius Converter
When you are done just enter: stop
```



```
What is the temperature? 32
```

```
What type is is currently? Enter F or C F
```

```
Your input was 32.00 F and the output is 0.00 C
```

```
What is the temperature? 0
```

```
What type is is currently? Enter F or C C
```

```
Your input was 0.00 C and the output is 32.00 F
```

```
What is the temperature? 55.6
```

```
What type is is currently? Enter F or C F
```

```
Your input was 55.60 F and the output is 13.11 C
```

```
What is the temperature? 13.11
```

```
What type is is currently? Enter F or C C
```

```
Your input was 13.11 C and the output is 55.60 F
```

```
What is the temperature? stop
```

```
Ok, looks like we are done for today. Come back anytime my friend.
```

