Solution Review: Formatting Strings

In the following lesson, we will go over the solution of the challenge: Formatting Strings.

Task

In this challenge, you were provided a variable `quotient` which you had to print after embedding it in a string and formatting it in such a way that the output would only display it up to **3** decimal places.

Solution

The first thing you had to figure out was that the `f` string interpolator can be used to format strings.

```
print(f....)
```

In the print statement, you had to write the required string and where ever you wanted to embed a variable, you had to insert a `$` followed by the variable name, `quotient` .

```
println(f"The quotient is $quotient")
```

Next, you needed to format the string by creating your format specifier based on your requirements. Because quotients are usually of the type `Float` , you need to use the `f` conversion-character which is preceded by the number of decimal places you wanted to display, i.e. `.3` . Finally, `%` is the start of the format specifier

```
println(f"The quotient is $quotient%.3f")
```

You can find the complete solution below:

You were required to write the code on **line 3**.

```
val quotient = 7F / 3F

print(f"The quotient is $quotient%.3f")
```

Let's now move on to the final string interpolator in the next lesson.