# Fixing Broken Output

**The goal for this exercise** is try out some more unit tests, on a relatively simple piece of code.

In the starter project, fill in the Fahrenheit\_To\_Celsius. RunExercise method, so that it will ask the user for a temperature (in Fahrenheit), and convert that temperature to a Celsius. According to <http://www.albireo.ch/temperatureconverter/formula.htm>, the formula is:



You should make sure to check your work by testing your program with a variety of values. In order to that, you will probably want to give your program a Fahrenheit temperature to convert to Celsius, then use a calculator to double-check that the program is giving you the correct answer.

Once you’ve got that done, make sure that your code passes all the tests in Test\_Fahrenheit\_To\_Celsius class. Because this exercise is being auto-graded, you’ll need to copy the following transcript for output to the user (and expected input) (user input in **bold underline**)

Temperature (in Fahrenheit)?

**32**

Temperature (in Celcius) is 0

Another example:

Temperature (in Fahrenheit)?

**41**

Temperature (in Celcius) is 5

Another example:

Temperature (in Fahrenheit)?

**41.5**

Temperature (in Celcius) is 5.2777777777777

(You may get a slightly different number, instead of 5.2777777777777 exactly)

**What you need to do for this exercise:**

1. Implement the Fahrenheit\_To\_Celsius. RunExercise method, as described above.
2. Make sure that all the tests in the Test\_Fahrenheit\_To\_Celsius class pass.
   1. Note that the tests assume that you’re working with double-precision floating point values.