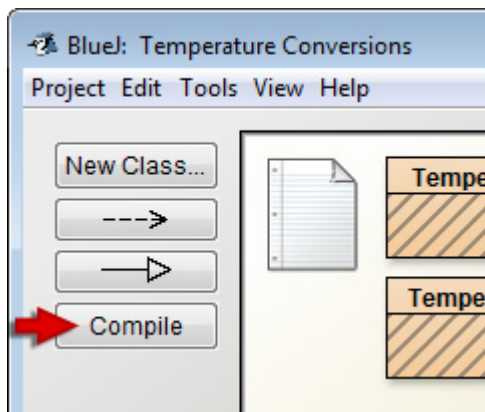


Chapter 5: Trying It Out

Trying It Out

To compile your program, simply click the **Compile** button.



If you've followed along and typed (or copied and pasted) everything correctly, your classes should compile and run. If not, you can compare your classes to mine.

Once both classes compile without errors, try running the `main()` method from `TemperatureDriver` to verify that it works correctly. Remember, to run it, right-click the icon for the class in BlueJ, and select the **`void main(String [] args)`** option. Click **OK**, and your program should run.

The image below shows what one successful run looks like. You can compare your results to mine and make sure things are working correctly.

Text equivalent start.

Terminal Window displaying example output:

```
Enter a Fahrenheit temperature: 98.6
You entered 98.6 degrees Fahrenheit
which is 37.0 degrees Celsius
and 310.15 degrees Kelvin.
Enter another Fahrenheit temperature: 32
You entered 32.0 degrees Fahrenheit
which is 0.0 degrees Celsius
and 273.15 degrees Kelvin.
```

Text equivalent stop.

Summary

In this lesson you've learned about variable declarations, literals, constructors, and other methods. You've also seen how to do some simple input and output. We'll expand on that in future lessons.

You saw how to import classes that the compiler doesn't include. We'll use that feature a lot, and I'll show you how to find out which classes are available to use and where they are.

Before you move on to the assignment, try this activity to see how well you remember some of the terms we covered in this lesson.

Text equivalent start.

Instructions: Read each question in the first column. Then choose the correct match from the second column. Read the third column for the correct answer.

Question	Choices	Correct Answer Choice
Which of these locates data and gives it to clients?	<ul style="list-style-type: none">ExpressionsAccessor methodsOperands	Accessor methods
Which of these set values to variables?	<ul style="list-style-type: none">Assignment statementsAccessor methodsEvaluation rules	Assignment statements
According to most programmers, which of these is a sign of poor programming?	<ul style="list-style-type: none">Driver classesDefault constructorsDuplicate code	Duplicate code
Java gets data into programs by using what?	<ul style="list-style-type: none">Scanner classesInput streamsNull reference	Input streams
What's the name of the program that automatically creates documentation for Java classes?	<ul style="list-style-type: none">JavadocDataVariablesGetmethods	Javadoc

Text equivalent stop.

In Lesson 6, we'll add to our temperature conversion example. I'll show you how to check for valid numbers and how to make decisions like which scale the user specified and which conversions need completing.

