






Welcome

Getting Started with BlueJ

	Module Learning Outcomes	10 min
	Why Use Java?	1 min
	Download BlueJ and Open Your First BlueJ Project	10 min
	Using BlueJ to Program in Java	6 min
	Practice Quiz: Getting Started with BlueJ	3 questions

Variables and Mathematical Operators

Functions and Conditionals

Classes, Types, and For Each Loops

Seven Steps for Solving Programming Problems

Fundamental Java Syntax and Semantics Module

In this module, you will learn to write and run your first Java programs, including one program that prints “Hello!” in various countries’ languages and another where you will analyze the perimeters and other information of shapes. To accomplish these tasks, you will learn the basics of Java syntax and how to design stepwise solutions with programs.

By the end of this module, you will be able to:

- Download and run BlueJ, the Java programming environment for this course;
- Access the documentation for the Java libraries specially designed for this course;
- Edit, compile, and run a Java program;
- Construct methods, variables, if else statements, and for each loops in Java; and
- Use Iterables (like DirectoryResource) to run a program that iterates over multiples lines in a document or webpage or multiple files in a directory.

More course resources are available in the **Resources** tab.

✓ Complete

