

Chapter 1: Introduction
You will learn: <ul style="list-style-type: none">• Java features.• Java and its associated components.• Java application and applet - features.• Java data types.• Java string implementation.• Built-in thread components.
Chapter 2: Programming Basics
You will learn: <ul style="list-style-type: none">• Java language statements and syntax.• Programming rules and conventions.• Use of operators in mathematical, conditional, and string expressions.• How to use and code constants.• To create and use an array.
Chapter 3: Flow of Control Statements
You will learn: <ul style="list-style-type: none">• Coding for, while, and do while loops.• The if statement and associated pitfalls.• Coding the switch statement and its construct.
Chapter 4: String Manipulation
You will learn: <ul style="list-style-type: none">• Creating strings and StringBuffer objects.• Searching and changing a string.• Initializing a string.• Differences between a string and stringbuffer.

Chapter 5: Class in Java

You will learn:

- Declaring an object.
- Creating an instance of an object.
- Initializing data members in an object.
- Coding a class.
- How to use an interface.
- Creating named constants.
- Controlling access to class members.

Chapter 6: Error Handling

You will learn:

- What an exception is.
- How to catch an exception.
- Coding a routine for clean up.
- Benefits of a Throwable class.

Chapter 7: Coding an Applet

You will learn:

- What an applet is and how it is invoked.
- Applet restrictions.
- Methods invoked at various milestones in the life of a browser.
- Branching to a url via JAVA.
- Passing parameters into an applet.
- Displaying information in the status bar.