



## JAVA SE 7 Level 1 (Oracle Certified Associate)

### Introduction

Java SE 7 Associate Programmer certification adds to your qualification as a Java developer. Knowledge of Java is important, but knowing how to write an efficient and productive code adds to your skills and gives you an edge when you are planning to give the certification exam. You will gain in-depth understanding of Java by examining how objects are allocated in the heap.

### Pedagogy

Online Course

### Duration

72 hours of course work and assignments

### Difficulty

Beginner to Practitioner

### Assessment

Online Assessment

### Certified By

Manipal Executive Education

### Who Should Attend

This course is meant for the beginner or intermediate student. Graduates from other disciplines than Computer Science can take this course as well. Knowledge of any programming language will help.

### Topics Covered

- Thinking in objects
- Working with primitive variables
- Using operators and decision constructs
- Using Arrays
- Using Loop constructs
- Advanced OOPs
- Error Handling

### Learning Outcome

After the training, students will be able to:

- Use various Java programming language constructs to create several Java technology applications.
- Use decision and looping constructs and methods to dictate program flow.
- Perform basic error handling for your Java technology programs.
- Implement intermediate Java programming and object-oriented (OO) concepts in Java technology programs.
- Demonstrate knowledge of Java technology and the Java programming language.
- Understand basic object oriented concepts such as inheritance, encapsulation, and abstraction.
- Use and manipulate object references, and to write simple error handling constructs

