

JAVA SE 8 FUNDAMENTALS

Duration: 60 Hours

Program Objective

- Write Java code that uses variables, arrays, conditional and loop constructs
- Manipulate primitive numeric data and string data using Java operators
- Create Java classes and use object references
- Access the fields and methods of an object
- Manipulate text data using the methods of the String and StringBuilder classes
- Use casting without losing precision or causing errors
- Declare, override, and invoke methods
- Access and create static fields and methods
- Use classes from the java.time and java.time.format packages to format and print the local date and time
- Encapsulate a class using access modifiers and overloaded constructors
- Define and implement a simple class hierarchy
- Demonstrate polymorphism by implementing a Java Interface
- Use a Predicate Lambda expression as the argument to a method
- Handle a checked exception in a Java application

Prerequisite

- Knowledge about Windows Environment
- Logic Building and problem solving skills

Certificate Title

Programming in Java

Global Certification Mapped

Exam Number: 1Z0-808

Exam Title: Java SE 8 Programmer I