

## **Java SE 8 Fundamentals on cloud - (UX0012)**

**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
- Working with Date API
- 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
- Oracle Cloud Overview
- Oracle Application Container Cloud Service Overview
- Introduction to Modern Software Development
- Introduction to Git
- Java Project Management

**Prerequisite** - Logical problem solving knowledge skill is an added advantage

### **Certificate Title**

Certificate in Core Java 8 Fundamentals on Cloud

### **Global Certification Mapped**

**Exam Number:** 1Z0-808

**Exam Title:** Java SE 8 Programmer I