**Introduction**

What is Java?

History of Java

Features of Java

JDK, JRE and JVM

Internal Details of JVM

**The Java Environment**

Installing Java

How to set Path?

Hello Java program

Java Source File Structure

Compilation

Executions

Command Line Arguments

Java Program Architecture

**Basic Language Elements**

Identifiers

Keywords

Literals

Java variables

Comments

Primitives Data Types

Operators & Operators Assignment

Object class

Constructor

Methods, Class, interface, package and Object

Static

This

Array

Math class

Wrapper class

String

StringBuffer

StringBuilder

**Control Statements**

If-else

Switch

For

While

Do while

Break

Continue

**Oops**

What is oops?

Abstraction

Encapsulation

Inheritance

Inheritance (Is-A)

Aggregation (Has-A)

Polymorphism

Method Overloading

Method Overriding

Final keyword

Abstract class

Interface

Abstract vs Interface

Access Modifiers

**Exception Handling**

What is Exception Handling?

Type of Exception

Try-catch block

Multiple Catch blocks

Nested Try blocks

Finally blocks

Throw key word

Throws

Custom Exception

**Multi-Threading**

What is Multi-tasking and way to achieve this?

What is Thread?

Life cycle of a Thread

Creating thread

Synchronization

Thread Advance

**Java I/O**

**Java Swing**

**Java AWT and Events**

**Java Conversations**

**Java Collections**

**JDBC**