

## **Java Topics**

What is Java

History of Java

Features of Java

C++ vs Java

Hello Java Program

Program Internal

How to set path?

JDK, JRE and JVM

Internal Details of JVM

Java Variables

Java Data Types

Unicode System

Operators

Keywords

### **Control Statements**

Java If-else

Java Switch

Java For Loop

Java While Loop

Java Do While Loop

Java Break

Java Continue

Java Comments

Java Programs

### **Java Object Class**

Java OOPs Concepts

Naming Convention

Object and Class

Constructor

static keyword

this keyword

### **Java Inheritance**

Inheritance(IS-A)

Aggregation(HAS-A)

### **Java Polymorphism**

Method Overloading

Method Overriding

Covariant Return Type

super keyword

Instance Initializer block

final keyword

Runtime Polymorphism

Dynamic Binding

instanceof operator

### **Java Abstraction**

Abstract class

Interface

Abstract vs Interface

### **Java Encapsulation**

Package

Access Modifiers

Encapsulation

## **Java Array**

Java Array

## **Java OOPs Misc**

Object class

Object Cloning

Math class

Wrapper Class

Java Recursion

Call By Value

strictfp keyword

javadoc tool

Command Line Arg

Object vs Class

Overloading vs Overriding

## **Java String**

## **Java Regex**

## **Exception Handling**

## **Java Inner classes**

## **Java Multithreading**

## **Java I/O**

## **Java Networking**

## **Java AWT & Events**

## **Java Swing**

## **JavaFX**

## **Java Applet**

**Java Reflection**

**Java Date**

**Java Conversion**

**Java Collection**

**Java JDBC**