



# JAVA

Course Content

# Java

- Java is a class based, platform independent object oriented language.
- It is used worldwide for the development of the various applications related to numerous domains like banking, retail, IT, android, finance, big data and much more.

## Prerequisites to Learn Java

- Programming fundamentals, C ++
- Sql



Training from  
Industrial Experts



Hands on  
Practicals/ Projects



100% Placement  
Assistance



24 x 7  
Expert Support



Certification  
of Completion



Free  
Live Demo



# We Provide

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One To One  
Training



Developer  
Training



Faculty  
Training



Corporate  
Training



Onsite  
Training



Online  
Training



Weekend  
Training



Workshop



Seminar



Crash  
Course

# Java Training Includes

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- Theory & Practical Session
- Real-time Practice
- Exclusive Materials
- Course Completion Certificate
- Support



## Introduction

- ✓ Introduction
- ✓ History
- ✓ Feature
- ✓ C++ vs Java
- ✓ Environment Setup For Java
- ✓ First java program

## Data Types & Variable

- ✓ DataTypes in Java
- ✓ Variable in Java
- ✓ Keyword in Java

## Basic Input/Output

- ✓ print() & println()
- ✓ Scanner class
- ✓ comments in Java

## Operators in Java

- ✓ Arithmetic Operators
- ✓ Increment Decrement Operators
- ✓ Relational Operator
- ✓ Logical Operators

## Conditional Statement

- ✓ if Statement
- ✓ if else Statement
- ✓ else if Statement
- ✓ Nested if...else Statement
- ✓ switch Statement

## Looping Structure

- ✓ while loop
- ✓ do while loop
- ✓ for loop
- ✓ Nested Loop

## Loop Control Statement

- ✓ Break Statement
- ✓ Continue Statement

## Object Oriented Concepts

- ✓ What is class?
- ✓ How to define class?
- ✓ How to access class members?
- ✓ Member functions in class
- ✓ Types of member function

## Constructor

- ✓ How to declare constructor?
- ✓ Types of constructor

## CSS Margin

- ✓ Single
- ✓ Multilevel
- ✓ Hierarchical
- ✓ Hybrid

## Polymorphism

- ✓ Compile time Polymorphism
- ✓ Run time Polymorphism

## Abstraction & Interface

- ✓ What is Abstract Class?
- ✓ How to declare Abstract Class?
- ✓ What is Interface ?
- ✓ Relationship between classes and interfaces

## Exception Handling

What is Exception ?

try/catch/finally keyword

Types of Exception

## Package

- ✓ What is Package?
- ✓ Types of Package
- ✓ How to create package?
- ✓ How to access package members?

## Array

- ✓ What is Array?
- ✓ How to declare array?
- ✓ Types of Array
- ✓ Array class & methods

## String

- ✓ String in Java
- ✓ String Methods
- ✓ String Buffer
- ✓ String Builder

## Collections

- ✓ ArrayList
- ✓ LinkedList
- ✓ HashMap
- ✓ Vector



# Get In Touch

FOR ANY DOUBTS OR QUESTIONS.  
PLEASE FEEL FREE TO VISIT OUR  
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