



# **CERTIFICATION IN ADVANCE JAVA**

Master's in programming skills & and take your career to the next level!



## WHO CAN JOIN THE COURSE?

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- There are no essential eligibility criteria required for studying java, but it is good to have C++ Language knowledge.
- Any student with a minimum programming knowledge is eligible to pursue java language
- Any 12th passed out, graduate, or post-graduate student is eligible to take Java training.

## GIMPLES OF OUR SUCCESSFUL TRANSITIONS

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Reviews 4.6 ★★★★★



Reviews

4.8 ★★★★★



Reviews


4.8 ★★★★★



Reviews

4.9 ★★★★★





**Duration- 2 Months**

## **PROGRAM CURRICULUM-I**

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### **INTRODUCTION TO JAVA**

Features of Java

JDK, JRE& JVM

C, C++& JAVA Comparison

Platforms of Java & Versions

First Java Program

### **PACKAGES**

Concept of package

Need of package

How to create User Defined package

How Package can be used in Software

Development

### **DATA TYPES, IDENTIFIERS AND**

### **VARIABLES**

What is Data Types & Types?

Types of Variables, Operators & Statements

Reading Input from Java util scanner class

Displaying Output with system. Out .print ()

Displaying formatted Output with String

Format ()

### **INPUT/OUTPUT**

Accepting Input from the keyboard

Reading Input with Java until scanner class

Displaying Output with System.out.printf():

Displaying formatted Output with String

Format

### **Condition Evaluation Statements**

If Statement

If- else

Else if

Nested if Statements

Looping and Iteration

The For Loop

The While Loop

Do while loop

For each loop

Switch Statement

### **ARRAYS**

What is Array

How Java Array are different from the array of C And C++

How to create Array and initialize array

One Dimensional Array

Two-Dimensional Array

Zigzag Array

### **CLASSES & OBJECTS**



## PROGRAM CURRICULUM-II

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Oops Concepts

Creating an Objects

Initializing an Object

Access Specifiers

Constructors & its Types

What is the purpose of constructor?

What is this and super and their rules

Constructor Overloading

### Static IN JAVA

Static in Java

Static Variable

Static Function

Changing values in static variable

### INHERITANCE & POLYMORPHISM

Concept of Inheritance

Method Overloading & Method Overriding

Concept of Abstract Method

Concept of Interface

Multiple Inheritance using Interface

Abstract Class VS Interfaces

### MULTI THREADING

Concept of Java threads

Life cycle of Java thread

Methods of Thread

Writing Thread using Class and Interface

Synchronization in Java

### STRING BUFFER & STRING BUILDER

What is String

How many ways to create String Object

Difference B/W Mutable and Immutable

Methods of String Class

How Many Ways to Compare the String

String Buffer's Constructor and methods

What is String Builder's Class and its usage?

How to accepting Input from the keyboard

String Builder and their usage

### File Handling in Java

Creating text File

Storing data in text file

Accessing data in text file

### COLLECTION

Collection of Collection

Need of Collection Framework

Collections

Collection AP (Classes and Interfaces)

How to retrieve the object from the Collection





## PROGRAM CURRICULUM-III

How many ways to retrieve the object

List Interface

(ArrayList, LinkedList, TreeSet class)

Concept of Map Interface

How Collection Framework is used in industries

### DATABASE CONNECTIVITY

Concept of Collection

Need Of Jdbc

Types Of JDBC Driver

Type1: Jdbc-Odbc Driver

Type2: Native Driver

Type3: Network Driver

Type 4: Pure Java Driver

### Database Operations

INSERTING the record in the Database

SELECTING the record from the Database

UPDATING the record from the Database

DELETE the record from the Database

### WRAPPER CLASSES

WHAT are Wrapper Classes

How to create int to Integer object

How to convert Integer to primitive

How to convert String to Integer value

How to convert Integer to binary,

Hexadecimal & Octal

### NETWORKING

Concept of Networking

Socket Programming

How to create URL content

How to read URL Content

How to get My Machine IP Address

How to get Machine Host Name

One Application using Networking

### Desktop application development using

AWT & Swing

Fundamentals

Tools

Project (GUI Base Application)

### Tool To Master





## ZENUS CAREER SERVICES

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### Career-oriented Session

Attend 10+ career-oriented session by industry mentors and prepare your career trajectory



### Profile Building

Programming resume and LinkedIn profile to make an impression on top employers



### Dedicated Job Portal Access

Get exclusive access to 20+\* job posting per month on Zenus's job portal



### Mock Interview Preparation

prepare with mock interviews including most asked question by top employers



### 1:1 Mentoring Session

Get 1:1 guidance at every step in your career transition to Java



### Placement Assistance

Placement opportunities are provided once the learner is moved to the placement pool upon clearing Placement Readiness Test(PRT)\*\*

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## ABOUT ZENUS INFOTECH

Zenus Infotech India Private Limited is an ISO 9001:2008 Certified Company and approved by the Ministry of Corporate Affairs and is quickly becoming India's most innovative company in the education sector With a focus on offering High-Quality Job Oriented Trainings, Talent Management, Campus Recruitment, and Contract Staffing services to any organizations, Zenus Infotech India Private Limited is quickly becoming one of the top specialist Training & Placement Companies.



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## STUDENT TESTIMONIALS

**Shivant Tyagi**

★★★★★



Our experience with ZENUS INFOTECH has been very good. its the best company in india for industrial training and placements.

**Abdul Raoof**

★★★★★



Good teches.And Good teacher .Zenus teacher is helping person that solve the asking question .Zenus is a wonderful platform

**Piyush Kumar**

★★★★★



I feel my self with a great weight of knowledge after doing training from Zenus Infotech

**Prabhat Saini**

★★★★★



Extremely nice atmosphere to learn softwares and knowledgeable and helpful faculty with great experience.

**Sumit Pant**

★★★★★



Highly skilled staffs well as good place to work ..the faculties are very good teachers

**Ishant Chauhan**

★★★★★



Highly experienced and project oriented training received with full support from the trainer. Thanks Zenus Infotech



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