

ADVANTO
S O F T W A R E



Java

The Key To Success

OUR HISTORY, VISION, MISSION

OUR HISTORY

Advanto (Formerly Peers IT Solutions) was established in 2012 by a group of IT professionals who had a passion for teaching and who wanted to pass on the knowledge they had accumulated over a period of 10 years to people who want to make a career in the IT industry.

The word Advanto is derived from the words Advantage and Technology. We combined them to form a name that would portray our belief that if you have an advantage of technology, you can do a lot of things in the IT industry

We wanted to provide the industry with people having good skills and people with the knowledge and ability to make a career in the IT industry. That is how we decided to transition from Peers to Advanto!

OUR VISION

To bridge the gap between candidates and the corporate sector by creating skilled resources who can build their career in the industry and utilize their skills for the progress of the industry.

To become a leading institute for creating skilled candidates which sets a benchmark for other to follow.

OUR MISSION

To provide candidates with knowledge that is at-par with the IT industry, but also in a pocket friendly way so that everyone can take benefit of our courses.

To provide training to candidates in various technologies by experts who have real-time industry knowledge so that candidates can start their career and be in sync with the industry.

To bridge the gap between the corporate sector and candidates.

To create our presence in the IT sector.

To provide corporate trainings to the companies as per their requirements.



WHY ADVANTO

We strive to teach the latest and most advanced technologies to our candidates so that they are not left behind while the industry is making progress. Candidates can easily adapt to their work as they will be in sync with the same technology that is being used in the industry.

Our faculty consists of experienced, real-time working IT professionals which means that candidates get trained with the latest knowledge base.

We provide 100% placement assistance.

We have kept our training programs very cost-effective so as to ensure that everyone can take benefit of our courses. Candidates can attend the classes as many times as they want till they get placed. This ensures that they can keep themselves updated for interviews, clear their doubts on a topic (if it didn't get cleared the first time) and also cover up on any classes they may have missed.

We believe that candidates will have a lot of confidence when they

know that we are with them all the way in making their career. That's why, candidates have an option to pay after they get placed!

During the course, candidates get to face mock interviews by industry experts. This gives them the benefit of facing real life interviews in the course itself!

We provide 24X7 support to candidates even after they get placed.

During their course, candidates get to work on live projects, giving them exposure of scenarios from the industry.

We also have online training courses. This gives you the freedom to learn while you work / study / run your home, with the comfort of being anywhere you want!

We have a great lab facility and infrastructure to complement our excellent faculty.

Core Java

Introduction

- Java Language
- Java Platform
- Java Technologies
- History of Java

Java Vs C

- Similarities b/w C & Java
- Difference b/w C & Java

Standard Edition of Java

- JDK
- PATH
- CLASSPATH

Data Types

- Int
- Float
- Char
- Double
- Boolean
- Short
- Long
- Byte

Object Oriented Programming

- Class & Object
- Encapsulation
- Attributes (Properties)

- Operations (Methods)

- Reference Vs Object

- Real time Object Oriented Examples

Constructor

- No Argument Constructor

- Parameterized Constructor

- Constructor Overloading

- Explicit Vs Implicit Default Constructor

Wrapper Class

Accessibility Models

- Private

- Protected

- Default

- Public

Inter-Object Communication

- Message Passing

- Message Sender

- Message Receiver

- Message

Arrays

Static Modifier

- Static Variables

- Static Methods

- Static Blocks

- Static Classes

Method Overloading

Inheritance

- Implementing Inheritance in Java
- Types of Inheritance
- Super Class
- Sub Class
- Constructors in Inheritance
- Method Overriding
- Abstract Classes
- Abstract Methods

Polymorphism

- Static Polymorphism
- Dynamic Polymorphism
- Static Vs Dynamic Binding

Interfaces

- Interfaces Vs Abstract Class
- Role of Interfaces in Real time
- Interfaces Inheriting from-
 - other Interfaces
- Declarative Multiple Inheritance -
 - using Interfaces

Packages

String Handling

- String
- String Buffer
- String Handler

Exception Handling

- Types of errors
- Need of Exception Handling

- Try, Catch, throws, Finally
- Try with resources
- Exception Hierarchy
- User Defined Exceptions

IOStreams

- Byte Oriented Streams
- Character Oriented Streams
- Java.io.File Class
- Object Serialization

Multithreading

- Multi tasking Vs Multithreading
- Life Cycle of Thread
- Java.lang.thread Vs Java.lang.runnable
- Developing Multithreaded Applications
- Synchronization
- Dead Lock
- Inter-thread communication

Inner Classes

- Inner Class
- Nested Class
- Different types of Nested Classes

Java.lang.object Class

Garbage Collection

Java.util.properties

Java.util.string Tokenize

Dealing with date & time

Collection Framework

Annotations

Java 8 Features

Advanced Java

JDBC

- Creating a Database & Tables
- Getting Information from Database
- Obtaining Result Set Information
- Connecting a Java Program to DB
- Prepared Statement & Statment -
-classes in java
- Inserting, Updating & Deleting data

Java Servlets

- What is a web Application
- Java Servlets
- Servlet Lifecycle
- Servlet Context
- Session Management
- Building the first Servlet
- Deploying the Servlet

JSP

- What is a JSP page
- Basic HTML tags
- JSP Tag Library
- JSP Page Lifecycle
- Creating first dynamic web page
- MVC Architecture

Web Technologies

Struts Framework

- Introduction
- Actions
- Validation Framework

- Interceptors
- Results
- Data Tags
- UI Tags
- Architecture

Hibernate Framework

- Technologies for Persistency
- Introduction to ORM
- Hibernate Architecture
- Hibernate API
- Configuration Properties
- CRUD Operation
- Inheritance in Hibernate
- Component Mapping
- Collection Mapping
- One-to-many, Many-to-many Relations
- HQL (Aggregate Function ,clauses ,Criteria)

Spring Framework

- Introduction to Spring
- IOC
- DI
- AOP
- Bean Lifecycle
- Types of Injection
- Inheritance & Composition
- Collections
- Bean Auto Wiring
- DAO

Our Recently Placed Students



Simran
Metro Global



Arpan
Gurukul



Pravin
Definetics



Swapnil
Xalted



Prashant
Innoye
Technologies



Sayali
Vavni



Nikhil
Persistant



Pranit
UBI Soft



Pravin
Isourte
Infosystems



Shubam
Fiserv



Komal
Euranet
World Wide



Neha
Wifi Soft



Ashwin
Live Health



Chandni
Live Health



Arvind
Six Specs



Dhanashree
EAnalysis
Partner



Spiler IT



Pranali
VishwaJeeth
Technologies



Swapnil
Eq



Mukund
Aurus Inc



Akash
Eq



Akshay Samal
Enzigma



DSS Software



Aishwarya
Infosys



Vishakha
Torqus
systems



Ravi
Aptify



Akshata
Torqus
systems



Vavni



AGS



AGS



AGS



AGS



Srinivas
Xalted



Shubam Sunil
Fiserv



Aditi
Tieto



Shantanu
Game Cloud



Prachi
Xecom



Phani
Seneca Global



Kunal
Emphasis



Shiva
AGS



Abhishikta
Symphony



Guru
Yadi



You may be next !!!

Our Students Are Working With:

SQS

Yardi

Zensar

Persistent

Quick Heal

Cognizant

AGS

Xalted

Vritti

Persistent

BMC Software

Polaris

Definetics

AudiTime

Tech Mahindra

Synerzip

Prototech Solutions

Spiller IT Solutions

Symphony Teleca

Symantec

EMC²

Emerson

Augment IQ

BMC Software

Tavisca

Servient

HSBC

Torqus Systems

LiveHealth

IBM

Tieto

Fiserv

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3DPLM

HSBC

Vavni

Seneca Global

Raja Software

3i Infotech

GeoAmps

Infotech

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