

Curriculum

Java Certification Course



About Us

We are a fast emerging company imparting quality and affordable programs for colleges and individuals for digital economy skills training, internship and guidance focused on helping people develop the skills they need to thrive in the rapidly growing digital economy.

The IoT Academy has made a niche name for itself providing rigorous online/offline training in Data Science, Machine Learning, AI, Python, Java, Internet of Things (IoT), Embedded Systems, Big Data, Data analytics, Industrial IoT, Industry 4.0, Digital marketing, Etc. Based in Delhi NCR since 2017 we have helped 150+ professionals, 600+ students and 100+ faculties across the states get trained, acquire certifications, and upskill their employees.

We have an easy and affordable learning solution that is accessible to millions of learners. With our learners spread across countries like the US, India, UK, Canada, Singapore, Australia, Middle East, Brazil, and many others, we have built a community of over 1 million learners across the globe.

Vision

We aspire to provide learners an edge over the career they choose to stand out amongst today's competitive world through support in training and various academic and industrial collaborations.

Mission

At IoT Academy We believe that the future is about Unified and Converged technologies as reflected in our mission statement. Every aspect of life will eventually lead in bringing forth a unified world of immense possibilities.

About the Program

This Java Certification Course by The IoT Academy is designed to give you an essence of Core and Advanced Java software development technologies. You will learn to build an end-to-end application, test and deploy code, store data, and much more. Learn with Best industry experts and in state of the art infrastructure. Join the MAANG/Top product companies with guaranteed placement. Java Certification Course by The IoT Academy is an offline program developed to learn job ready software skills from industry experts. Master your skills in Core Java, Advance Java, HTML, CSS, JavaScript, JDBC, JSP, etc. and get a guaranteed job opportunity





2 Months

CORE JAVA

1. Introduction to Programming Languages
2. Introduction to Java
3. Identifiers & Keywords
4. OOPs Fundamentals
 - Constructor
 - Encapsulation
 - Inheritance
 - Polymorphism
 - Abstraction (Interface & Abstract class)
5. Final Keywords
6. Nested Classes
7. Arrays in Java
8. Enum
9. Packages in Java(User define and inbuilt package)
10. Exception Handling
11. Object Class In java
12. Multi-Threading in Java
13. String Handling in Java
14. Wrapper Classes in Java
15. Generic Programming

- 16. Input-Output in Java
- 17. Collection Framework in Java
- 18. Garbage Collection in Java
- 19. Java 8 Features:
 - Default and static method in interface
 - Functional Interface
 - Lambda Expression in Java
 - Stream API
 - Date and Time API in Java 8

Java Console Project

2 Months

ADVANCE JAVA

PHASE-1: JDBC

- Introduction to JDBC
- JDBC Drivers
- Statement
- Prepared Statement

PHASE-2: J2EE INTRODUCTION

- Introduction To JEE
- Introduction to Server (Tomcat & Weblogic)

PHASE-3: SERVLET PROGRAMMING

- Introduction to Servlet Programming
- Advantages of Servlet
- Servlet Lifecycle
- Request Dispatching
- Session Tracking

PHASE-4: JAVA SERVER PAGES (JSP)

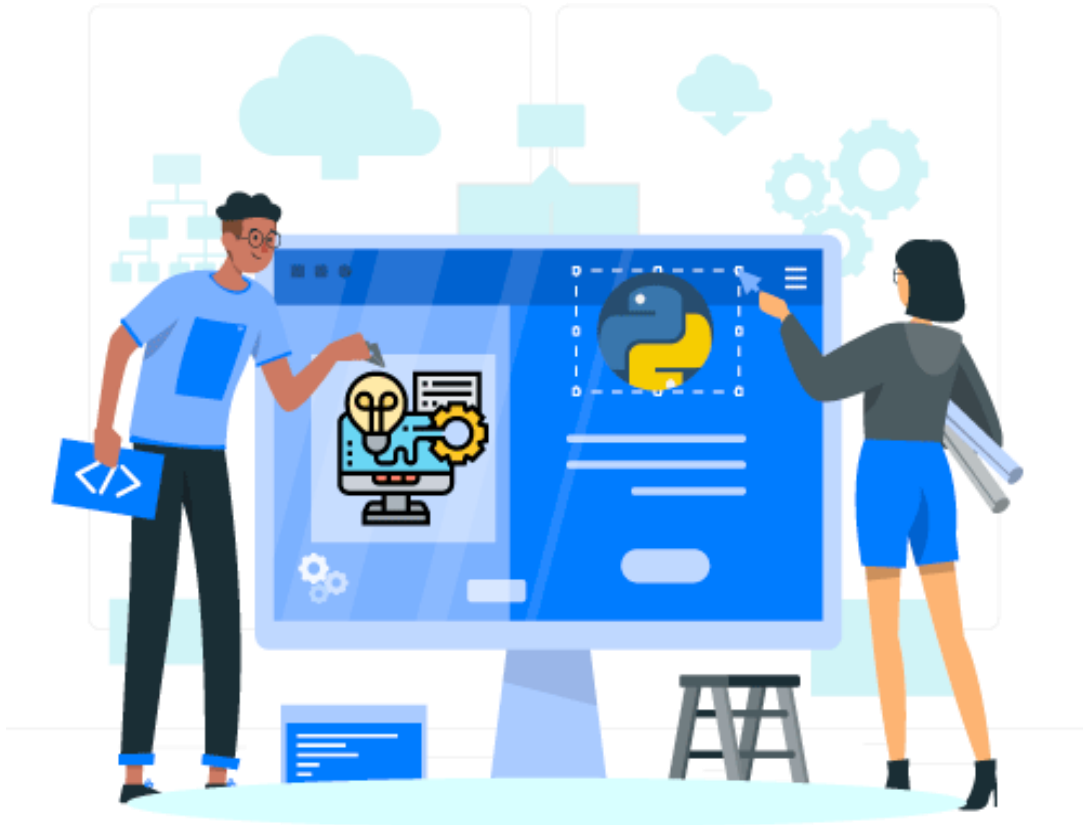
- Introduction
- JSP Lifecycle
- JSP Implicit Objects & Scopes
- JSP Directives
 - Page Directive
 - Include Directive
 - Taglib Directive
- JSP Scripting Elements
 - Declaratives
 - Scriptlets
 - Expressions
- JSTL & Tag Library

PHASE-5: WEB TECHNOLOGIES & PROJECTS

- HTML
- CSS



Thank You!



Program Information:

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By The IoT Academy

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