

```
private void executeLoad(long timeout, int usersCount) {  
    showDebugInfo(timeout);  
    Load.setPages(URL, parsingTimeout);  
    Load.setTimeout(timeout);  
    List<>();  
    ; i++) {  
        URL));  
    }  
    logger.info(s: "All threads are started");  
    progressInfo(timeout);  
    System.out.print(".....DONE\nProcessing with data...\n");  
    private void executeAvailability(long timeout);  
}
```

# JAVA

# FULL STACK



### Classroom Training

Learn with spacious classrooms  
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### Live Online Training

The classes can be attended to  
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### Corporate Training

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## Java Full Stack

### Core Java

- Introduction to Java
- Data Types and Variables
- Classes and Objects
- Object Oriented Programming
- Constructors
- Control Statements
- Abstract Classes
- Interfaces
- Packages
- Exception Handling
- Multi-threading
- Collection Framework
- Generics
- Input Output Streams
- Java 8 Features

### JDBC

- Introduction to SQL
- Introduction to JDBC
- Architecture of JDBC
- Types of Drivers
  - JDBC-ODBC Bridge Driver
  - Native-API Driver
  - Network Protocol Driver
  - Thin Driver
- CRUD Operations using JDBC in Java
- Batch Processing
- Transaction Management

### Hibernate

- Introduction to Hibernate
- Architecture of Hibernate
- Database CRUD Operations
- Inheritance
  - Table per Hierarchy
  - Table per Sub Class
  - Table per Concrete Class
- Hibernate Relationships
  - One-to-one
  - One-to-many
  - Many-to-one
  - Many-to-many
- HQL and Restrictions
- Criteria in Hibernate

## Spring

- Introduction to Spring
- Spring Core (Basic Concepts)
- Spring Core (Advanced Concepts)
- Spring Core (3.0 Annotations)
- Spring MVC
- Spring AOP
- Spring ORM
- Spring Transaction
- Spring JDBC
- Creating Views in Spring MVC

## Spring Boot & REST API

- Spring Boot Introduction
- Spring Boot + Maven - Hello World Example
- Creating a RESTful Web Service Example
- Common Application Properties
- How to Change Default Tomcat Server Port
- How to Change Default Context Path
- How to Reload Changes Without Restarting the Server
- How to Create/Configure a Data Source

- How to Configure Multiple Data Source
- Spring Boot + Spring Security – RESTful Web Service with basic Authentication
- Spring Boot + Spring Security – RESTful Web Service with Database Authentication
- Spring Boot + Spring MVC + JSP Hello World Example
- Spring Boot - RESTful Web Service with POST Request in JSON Example

## Agile Methodology

- Agile Methodology Introduction
- Advantages & Disadvantages of Agile
- Agile Manifesto
- Agile Characteristics
- Agile SDLC
- Agile Scrum
- Agile Daily stand-up
- Product Management

## Tools

- Maven
- JUnit
- Log4J
- GitHub
- Jira

## Databases

- MongoDB
- MySQL

## UI Technologies

- Html
- JavaScript

- TypeScript
- Angular

### Software's Required

- JDK 1.8
- Eclipse
- Apache tomcat
- MySQL database

### AWS Cloud Fundamentals

- AWS Cloud Practitioner Essentials
- Introduction to Amazon web services
- Compute in the Cloud
- Global Infrastructure and Reliability
- Networking
- Storage and Databases
- Security

### DevOps Fundamentals

- Introduction to DevOps
- DevOps Architecture
- DevOps Lifecycle
- Pipeline and Methodology
- Jenkins

### Job Placements

QEdge has its own placement cell serve 365 days placement assistance with 150+ partner clients.

### In Class

The experts teach by lecturing and demonstrating.

### Live Project

Students will be placed in live project teams to experience the real world of development and QA Testing activities they will be required to perform.



### After Class

Learning exercises designed for students to apply the theories and develop understanding.

### Assessments

Students will be assessed and guided to crack job opportunity by conducting mock tests and mock interviews.

### Cloud Platform

Easy access to study lessons & others interactive assignments.

**Software Testing**  
Live Project



**Selenium**



**Data Science**

Artificial Intelligence  
Machine Learning  
Deep Learning & NLP



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