ORANGE
I T E C H

ASSOCIATE WITH

EMPIRE TECHS

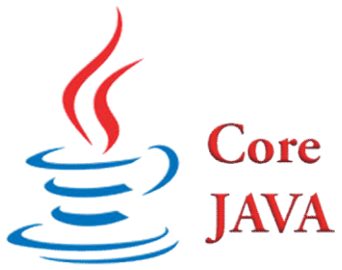# JAVA

DURATION – 3 . 5 MONTHS
MODE OF TRAINING – OFFLINE/ONLINE ()

For More Info Call :+91 – 9623922545

Front End

HTML -

- ✓ Introduction to HTML
- ✓ HTML Tags and Elements
- ✓ HTML –Attributes
- ✓ HTML -Formatting
- ✓ HTML –Phrase Tags
- ✓ HTML - Metatags
- ✓ HTML –Comments
- ✓ Image tags
- ✓ HTMLTables
- ✓ HTML –Lists
- ✓ HTML -Iframes
- ✓ HTML –Blocks
- ✓ HTML –Backgrounds
- ✓ HTML -Colors,Fonts
- ✓ HTML -Forms

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HTML 5 -

- ✓ Introduction to HTML
- ✓ HTML Tags and Elements
- ✓ HTML –Attributes
- ✓ HTML -Formatting
- ✓ HTML –Phrase Tags
- ✓ HTML - Metatags
- ✓ HTML –Comments
- ✓ Image tags
- ✓ HTMLTables
- ✓ HTML –Lists
- ✓ HTML -Iframes
- ✓ HTML –Blocks
- ✓ HTML –Backgrounds
- ✓ HTML -Colors,Fonts
- ✓ HTML -Forms

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CSS -

- ✓ Introduction with CSS
- ✓ The STYLE Element
- ✓ Measurement Units
- ✓ Colors,Backgrounds
- ✓ Fonts,texts,images
- ✓ Tables
- ✓ Borders
- ✓ Margins
- ✓ Paddings

Activate Windows

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CSS 3 -

- ✓ Introduction with CSS3
- ✓ Rounded Corners
- ✓ Border Image
- ✓ Shadow
- ✓ 2dTransforms
- ✓ 3dTransforms
- ✓ Animation
- ✓ User Interface

Activate Windows

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BOOTSTRAP -

 Bootstrap is a powerful and popular mobile first front-end framework for building responsive mobile first sites on the web by using HTML, CSS and JS framework.

- ✓ Bootstrap is a free front-end framework for faster and easier web development.
- ✓ Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
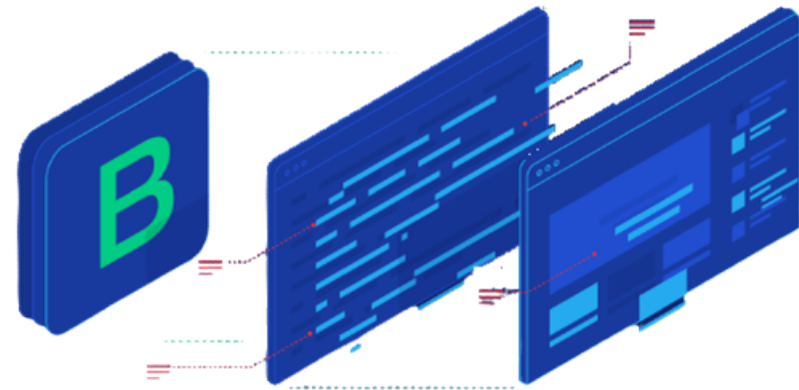- ✓ Bootstrap also gives you the ability to easily create responsive designs
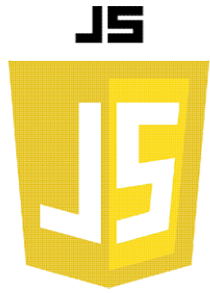
BOOTSTRAP 4

What We Learn In BOOTSTRAP 3 --

- ✓ Installation Of Bootstrap 3
- ✓ Bootstrap Forms
- ✓ Bootstrap Containers
- ✓ Bootstrap Colors
- ✓ Bootstrap Buttons
- ✓ Bootstrap Cards
- ✓ Bootstrap Dropdowns
- ✓ Bootstrap Navbar
- ✓ Bootstrap Carousel
- ✓ Bootstrap Components
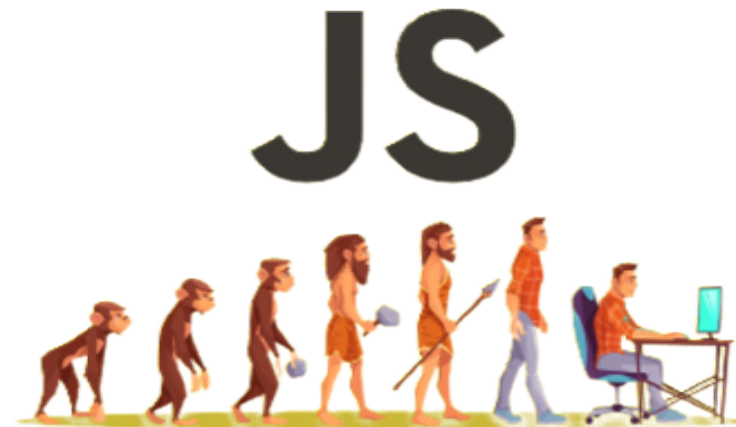- ✓ Bootstrap Grid System
- ✓ Responsive

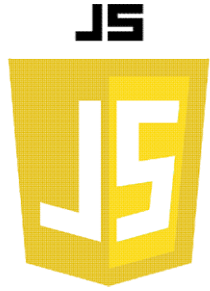For More Info Call :+91 – 9623922545

Java Script --

❑ **JAVASCRIPT - VARIABLES**

- ✓ JavaScript - Operators
- ✓ JavaScript -if. Else Statement
- ✓ JavaScript –Switch Case
- ✓ While, For **And** For. In Loops
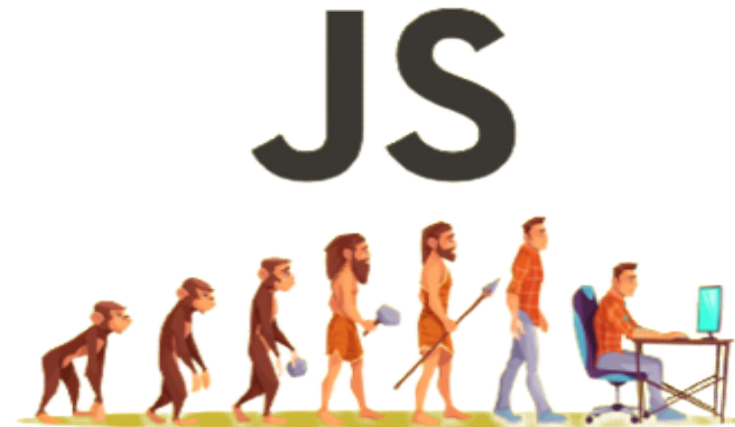
❑ **JAVASCRIPT - OBJECTS**

- ✓ Number Object, Boolean
- ✓ Strings Object **And** Arrays Object
- ✓ Date Object **And** RegExpObject
- ✓ Math Object
- ✓ JavaScript -Document Object Model or DOM

Advance Java Script --

- ✓ JavaScript -Errors & Exceptions Handling
- ✓ JavaScript –Form Validation
- ✓ JavaScript -Animation
- ✓ JavaScript –Multimedia
- ✓ JavaScript –Debugging
- ✓ JavaScript –Image Map
- ✓ JavaScript -Browsers Compatibility

JQuery --

- ✓ Overview
- ✓ Environment Setup
- ✓ Using Your AdSense accountinterface
- ✓ Draggable
- ✓ Draggable
- ✓ Resizable
- ✓ Selectable
- ✓ Accordion
- ✓ Datepicker
- ✓ Progress bar
- ✓ Slider
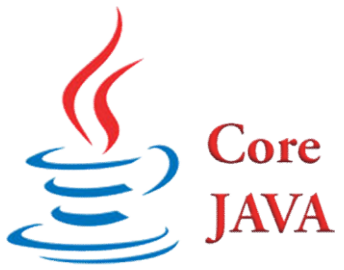
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Angular JS --

- ✓ Introduction to Angular JS
- ✓ Directives
- ✓ Modules
- ✓ Data Binding
- ✓ Scopes
- ✓ Services
- ✓ Events / Forms
- ✓ Validation
- ✓ Routing
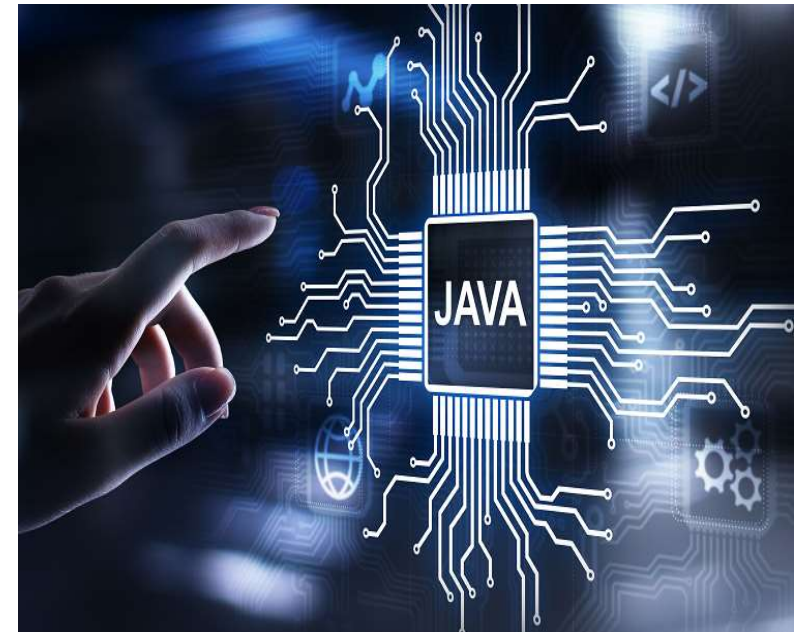- ✓ Session /Cookies / Local
- ✓ Storage
- ✓ Folder Structure

Back End

Core Java -

- Introduction to OOP
- Introduction to Java
- Classes and Objects
- Arrays & Strings
- Static in Java
- Containment and Inheritance
- Abstract and final
- The Object class
- Interfaces
- Inner classes
- Misc Java things
- Exception Handling
- Java I/O
- Collection framework
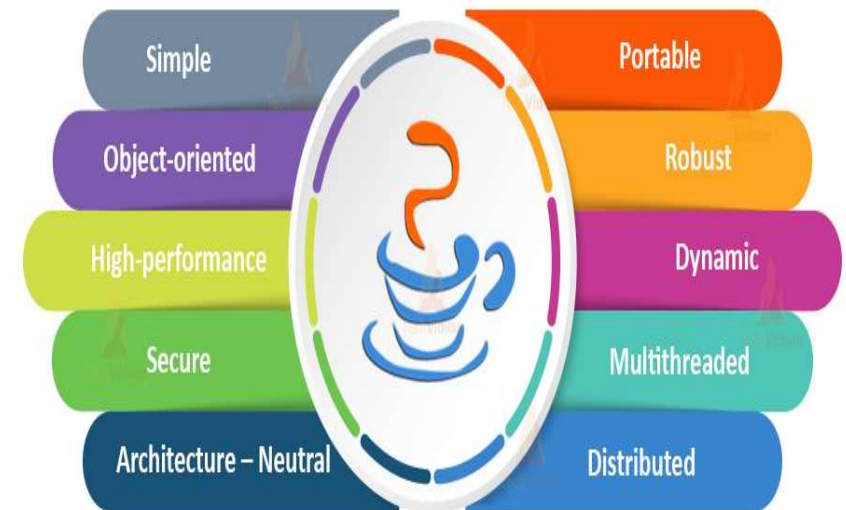- Applet , Awt and Swing

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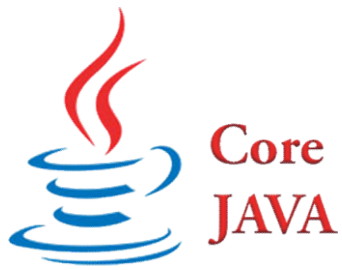
Introduction to Core Java -

- Introduction to Java
- Installation of Java in windows
- If-else , else if ladder , nested if else
- Data Types and Operators
- String , String Buffer, String Builder with Interview
- Questions
- First Java Program enhanced - for , do - while
- Introduction to Class , Object
- Control Statements (for, for - each, etc.)
- Array (Single Dimension, Multi - Dimension), Array
- Interview Questions

Features of Java

Simple
Object-oriented
High-performance
Secure
Architecture – Neutral

Portable
Robust
Dynamic
Multithreaded
Distributed

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- Introduction to blocks and methods
- Object Oriented Programming Concepts
- Abstraction
- Encapsulation
- Polymorphism
- Data Hiding
- legacy
- Introduction to HashMap,
  Linked Hash Map, Tree Map
- Iterator in Collection
- Comparable and Comparator
- Interview Questions

CORE JAVA
VERSUS
ADVANCED JAVA

CORE JAVA	ADVANCED JAVA
Category of Java that covers the fundamental concepts of Java programming language to develop general applications	Category of Java that covers the advanced concepts to build enterprise applications using Java programming language
Includes Java Standard Edition (J2SE)	Includes Java Enterprise Edition (J2EE)
OOP, data types, operators, exception handling, threading, swing, and collections are some topics	Database connectivity, Web services, Servlets, JSP, EJB, etc. are some topics
Uses single tier architecture	Uses two tier architecture; e.g.- client, server architecture
Helps to build general applications	Helps to build enterprise level applications. e.g., web applications, etc.

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Advance Java -

- JDBC
- Networking in Java
- Multithreading
- Java Database Connectivity (JDBC)
- Servlet and JSP
- Java Server Pages

JEE -

SPRING

- Introduction
- Build System
- Code Structure
- Spring- Beans
- Dependencies Injection
- Dependencies
- Annotations
- Injectors
- MVC
- Exception Handling
- Features
- Email Panel (Configuration)
- SMS Handling And its configuration In Spring
- IDE Installation /Operate /Configuration /Intelligence Idea.
- Rest API Generation
- Cross Platform Configuration And MGT
- GIT Integration And Handling
- Maven Installation and Configuration
- AWS Configuration And Integration With Its Features
- Jar Creation
- Server Handling

SPRING- MVC

- Spring MVC Architecture
- Handler Mapping
- View Resolver
- Controller classes
- Spring MVC Flow
- Annotation driven Controller(Spring2.5)
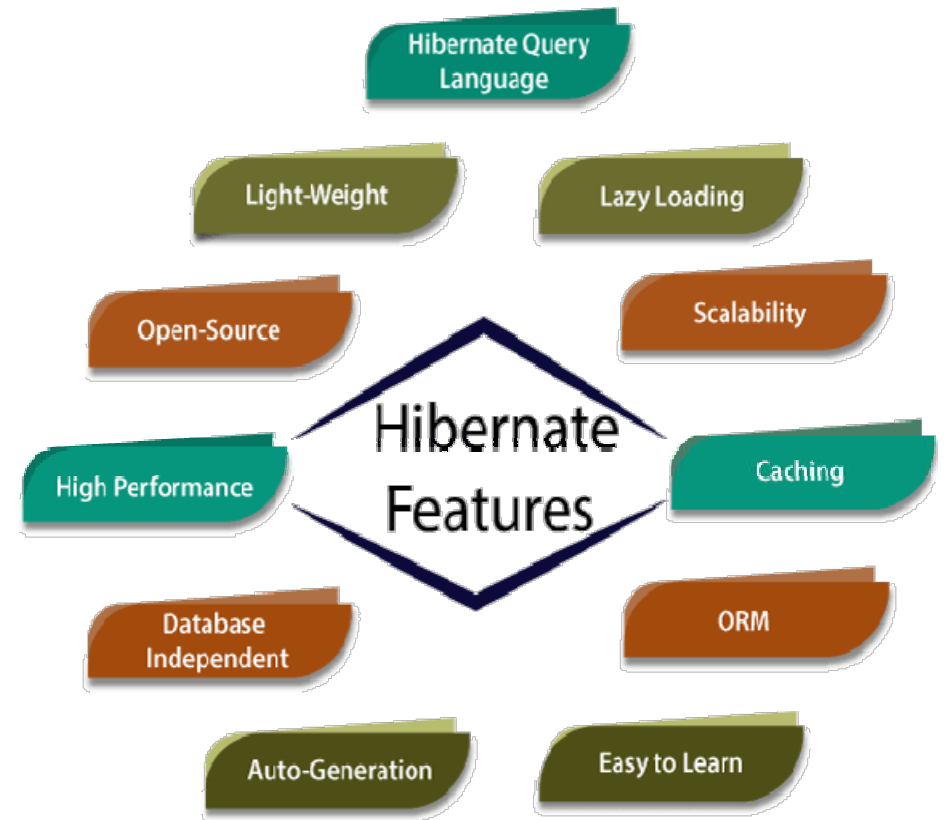- Form Processing
- SPRING with REST API
- Autowriting

HIBERNATE -

- Introduction to Hibernate
- Hibernate Configuration
- Hibernate O-R Mapping
- Hibernate Concepts
- Manipulating and Querying
- Hibernate Query Language
- Criteria Queries
- Native SQL
- Transaction and Concurrency

Database

- Introduction to Databse
- SQL
- Table relationship
- Join Queries
- Manipulating and Querying
- Native SQL

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SOFT SKILLS -

- Presentation Skills
- Communication Skills
- Interview Techniques
- Mock Interviews
- Life Skills
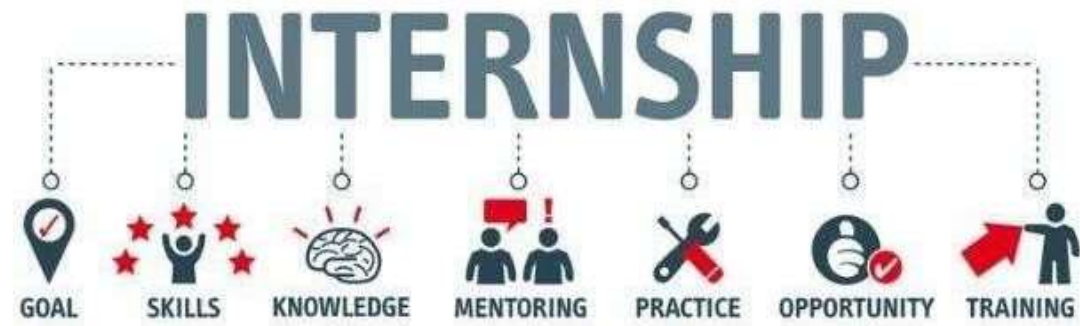

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Internship Program!

UNDER

THANK YOU

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