Dt : 8/8/2022(Day-1)

Course : Full Stack Java / CoreJava

1.CoreJava <=====1

2.AdvJava

3.Spring(Core,MVC,JDBC,SpringBoot,Security)

4.WebServices - MicroServices

5.Oracle   <====1

6.HTML/CSS/JS <====1

7.Anguler

8.Testing Basics - Selenium

9.DevOpps

Duration : 5 - 6 Months

CoreJava : 55 - 60 Working Session

Role : Full Stack Java Developer

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Advantages:

  (i)Project Development

    SDLC - Software Development Life Cycle

  (ii)100% placement based Test(CoreJav,AdvJava and Oracle)

  (iii)NASSCOM - Certificate

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Language:

  step-1 : Alphabets

  step-2 : Grammer

  step-3 : Construction Rules

Note:

  =>Every Language will have its own Alphabets,Grammer and

Construction rules

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Java Language:

  part-1 : CoreJava

  part-2 : AdvJava

part-1 : CoreJava

  1.Java Programming Components(Java Alphabets)

  2.Java Programming Concepts

  3.Object Oriented Programming features

1.Java Programming Components(Java Alphabets)

  (a)Variables

  (b)Methods

  (c)Blocks

  (d)Constructors

  (e)Classes

(f)Interfaces

(g)AbstractClasses

2.Java Programming Concepts

(a)Object Oriented Programming

(b)Exception Handling process

(c)Multi-Threading process

(d)Java Collection Framework(JCF)

(data structures in Java)

(e)File Storage

(f)Networking in Java(Communication to TCP/IP protocol)

3.Object Oriented Programming features:

(a)Class

(b)Object

(c)Abstraction

(d)Encapsulation

(e)PolyMorphism

(f)Inheritance

Dt : 9/8/2022(Day-2)

Note:

=>Using CoreJava Components and Concepts we can develop

StandAlone applications.

faq:

define StandAlone Application?

  =>The application which is installed in one computer and performs actions in the same computer is known as StandAlone application or DeskTop Application or Windows Application.

Note:

 =>According to developrs StandAlone Applications means,

   No HTML input

   No Server Environment

   No DataBase Storage

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part-2 : AdvJava

 =>AdvJava provide the following technologies to construct WebApplications:

   (a)JDBC

   (b)Servlet

   (c)JSP

(a)JDBC:

 =>JDBC stands for 'Java DataBase Connectivity' and which is used to interact with DataBase product.
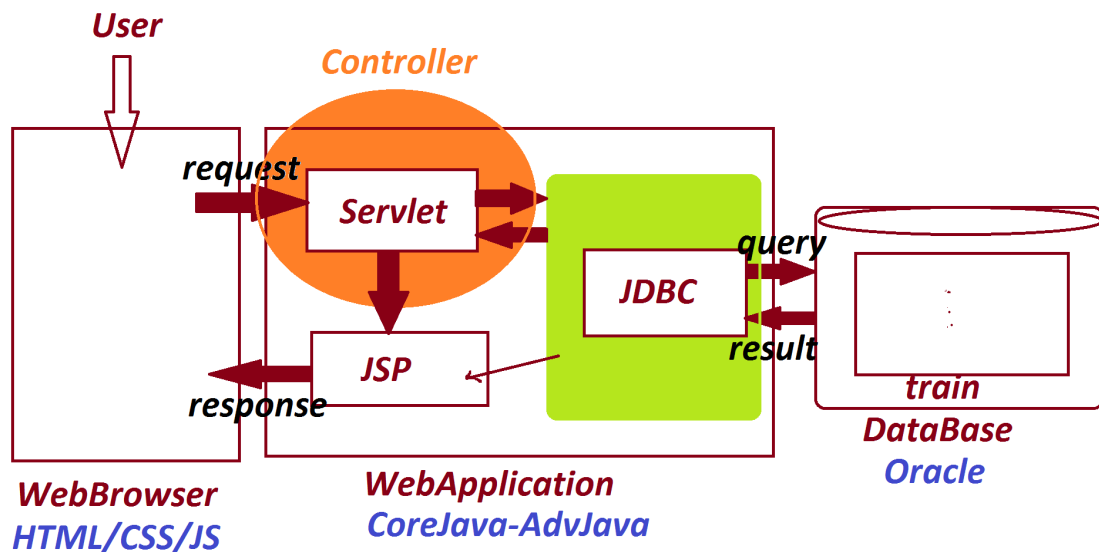
(b)Servlet:

=>Servlet means 'Server program' and which is used to accept

the request from Application Users.

(c)JSP:

=>JSP stands for 'Java Server page' and which is response from

Web Applications.

Diagram:

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faq:

define WebApplication?

=>The application which is executing in Web Environment or

Internet Environment is known as WebApplication or Internet

Application.

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Summary:

CoreJava - StandAlone Applications

AdvJava   - Web Applications

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