Dt : 24/3/2025

*imp

Servlet Programming:

faq:

define Servlet?

  =>The platform independent Java-Program,which is executed in server environment is known
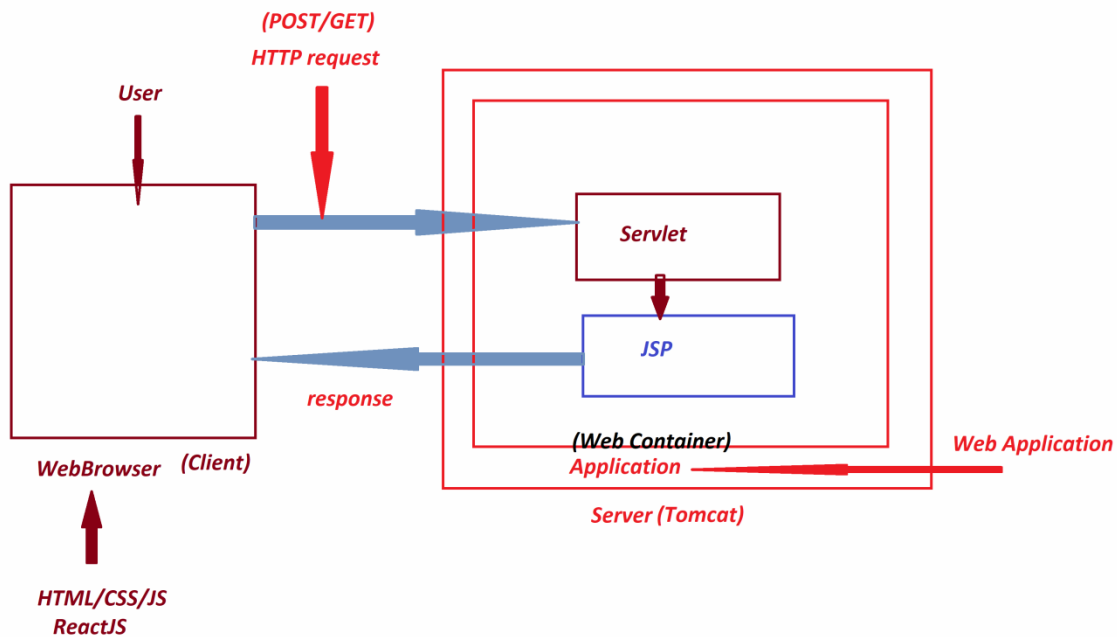
   as Servlet or Server-program

  =>Servlet-Program will specify the functionality of Servers.

  =>Servlet-Program will accept the request from the user through WebBrowser and provide the

   response.

Diagram:

(POST/GET)
HTTP request

User

WebBrowser **(Client)**

HTML/CSS/JS
ReactJS

response

Servlet

JSP

(Web Container)
Application

Web Application

Server (Tomcat)

faq:

define Client?

   =>Client means WebBrowser,from where the request is raised to the Server.

faq:

define Server?

   =>Server means service provider,which means accepting request and giving response using

   Server-Program-Support.

   (service - means accept request and provide response)

Types of Servers:

   =>Servers are categorized into two types:

(a)Web Servers

(b)Appplication Servers.

(a)Web Servers:

  =>Web Servers will provide 'Web Container' to execute Web Applications.

  =>Web Servers are preferable to execute static content data.

  =>Web Servers will accept request from HTTP protocol.

  Ex:

  Tomcat

(b)Appplication Servers:

  =>Application Servers will provide both 'Web Container' and 'EJB Container' to execute

   both Web Applications and Enterprise Applications.

    (EJB - Enterprise Java Bean)

  =>Application Servers are preferable to execute dynamic content data.

  =>Application will accept request from from HTTP,RMI and RPC protocols.

   (RMI - Remote Method Invocation)

   (RPC - Remote Procedure Call)

  Ex:

  WebSphere

  WebLogic

  --