Dt : 25/3/2025

faq:
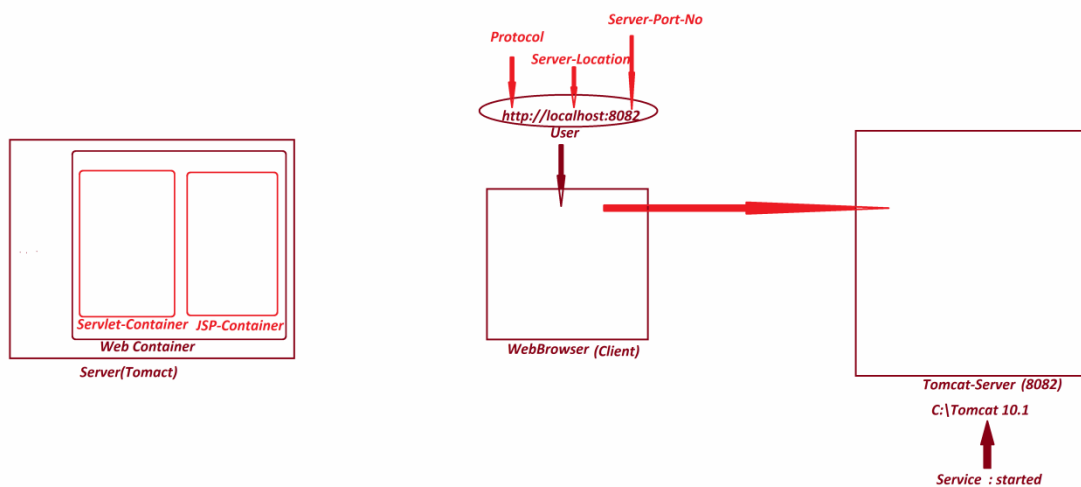
define 'Web Container'?

 =>The executable component of WebServers and application servers is known as Web Container.

 =>Web Container internally divided into the following SubContainers:

 (i)Servlet Container   <------- Catelina

 (ii)JSP Container   <------- Jasper

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Installing Tomcat Server:

step-1 : Download Tomcat10-version from 'Apache Organiozation'

 https://tomcat.apache.org/download-10.cgi

step-2 : Install Tomcat Server

While installing process,

    Select the type of Install   :   Full

           (Click Next)

    Server Shutdown port   : 8089(User defined PORT NO)

    HTTP/1.1 Connector port   : 8081 or 8082 or 8083 or ...

    User Name   : V

    Password   : nit

         (Click Next)

    Select Java Virtual Machine Path(JDK11 and above)

        (Click Next)

  Note:

    =>Tomcat Server available in:

        C:\Tomcat 10.1

step-3 : Start the Tomcat Server

 =>To start Tomcat-Server,click 'startup' or 'Tomcat10w' file from "bin" folder of Tomcat

     C:\Tomcat 10.1\bin

step-4 : Access the Tomcat-server from WebBrowser,using the following URL:

http://localhost:8082

step-5 : Stop the Tomcat Server

=>To stop Tomcat-Server,click 'shutdown' or 'Tomcat10w' file from "bin" folder of Tomcat

C:\Tomcat 10.1\bin

Diagram:

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Servlet-API:

 =>'jakarta.servlet' package is known as Servlet-API from Tomcat10-version onwards.

  (Upto Tomcat9-version 'javax.servlet' is Servlet-API)

 =>'jakarta.servlet.Servlet' is an interface,root of Servlet-API.

 =>The following are some important methods of 'Servlet' interface:

   1.init()

   2.service()

   3.destroy()

   4.getServletInfo()

   5.getServletConfig()