SERVLETS PART-3

Steps to develop web application:

- 1) Create a web application folder structure.
- 2) Create and compile web application source code(Servlet program).
- 3) Write deployment descriptor(web.xml).
- 4) Create a WAR(Web ARchive) file.
- 5) Start the server.
- 6) Deploy a war file on server.

1) Create a web application folder structure:

Administrator: Command Prompt

C:\>md htmlapp

C:\>cd htmlapp

C:\htmlapp>md WEB-INF

C:\htmlapp>cd WEB-INF

C:\htmlapp\WEB-INF>md classes

C:\htmlapp\WEB-INF>cd classes

2) Create and compile web application source code(Servlet Program):

HTMLServlet.java:

```
import java.io.*;
import javax.servlet.*;
public class HTMLServlet extends GenericServlet
     public void service(ServletRequest req, ServletResponse res)
          try{
          PrintWriter pw=res.getWriter();
          pw.println("<html><body bgcolor=yellow text=blue>");
          pw.println("<h1>Welcome.....</h1>");
          pw.println("</body></html>");
          }catch(Exception e)
                System.err.println(e);
```

Administrator: Command Prompt

C:\htmlapp\WEB-INF\classes>javac HTMLSe

C:\htmlapp\WEB-INF\classes>cd..

C:\htmlapp\WEB-INF>start notepad web.xm

3) Write deployment descriptor(web.xml):

web.xml:

<web-app>

<servlet>

<servlet-name>html</servlet-name>

<servlet-class>HTMLServlet</servlet-class>

</servlet>

<servlet-mapping>

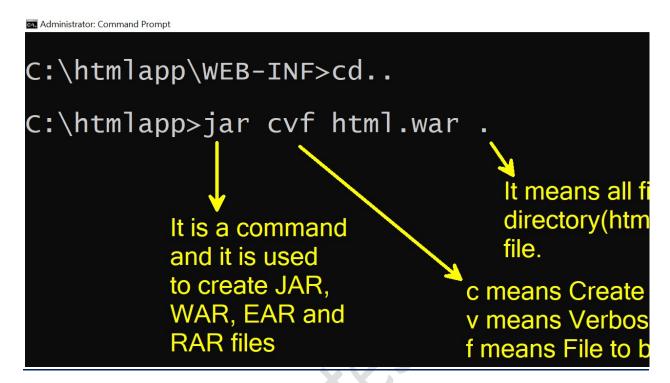
<servlet-name>html</servlet-name>

<url-pattern>/html</url-pattern>

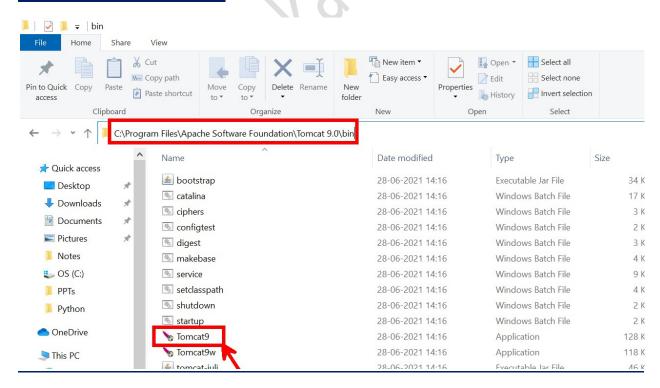
</servlet-mapping>

</web-app>

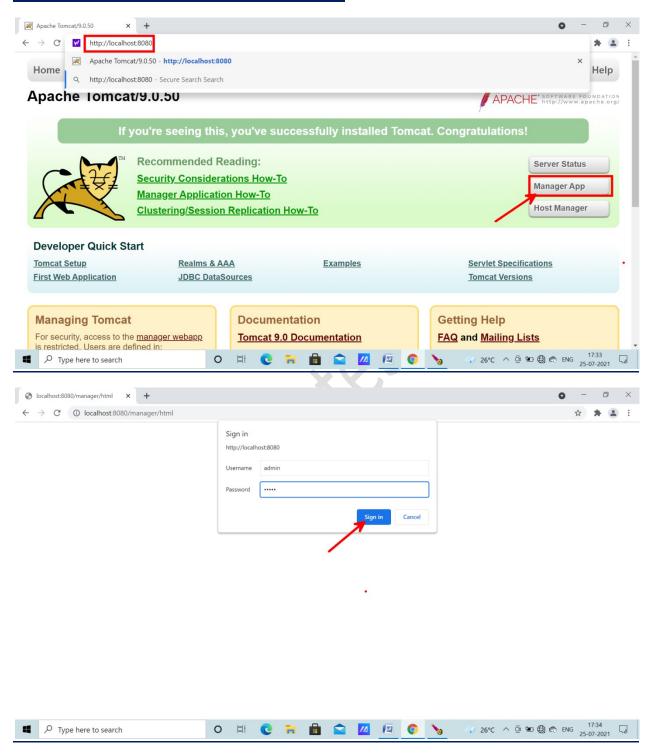
4) Create a WAR(Web ARchive) file:



5) Start the server:

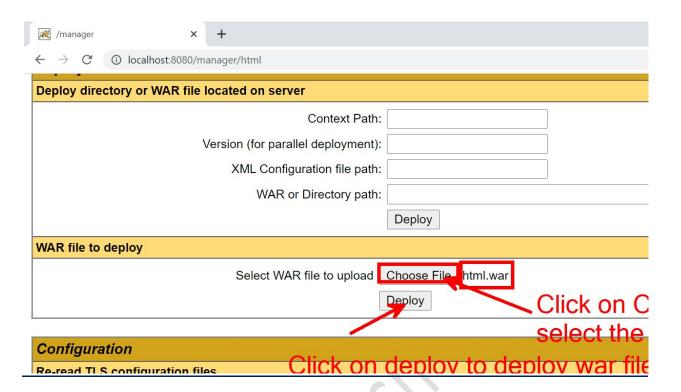


6) Deploy a war file on server:



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