

The jdbc application that you did was 2-tier

It's a 2 tier **NON WEB APPLICATION**

Java client(java process)	MySQL ( non java process) DB SERVER
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The HW you did was 2 tier or 3tier ?

2-tier application ( WEB Application )

Browser(non java process)	Tomcat ( java process WEB SERVER)
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You should learn DEPLOYMENT !!!!

Web Server Side problems

1. Port number binding problem
2. JAVA\_HOME setting
3. SEVERE ----- you must solve it , otherwise your code is not redeployed !!!!

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Deployment ---

1. Copy the war file to tomcat webapps
2. Tomcat extracts the war to the folder
3. Does some initializations internally - so that the web page is published on its IP and port number

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It is **impossible** to create numerous , thousands of HTMLs beforehand statically !!!

So many sites generate HTML **dynamically** depending on user's input at RUN TIME - **REQUEST TIME** !!!

Dynamical HTML !!!!!

web.xml = Deployment Descriptor ( DD )

= this file is read by the tomcat server and the mapping is done

When a url ending with /first comes	Go to ex1 servlet that is the MyServlet
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The deployed war file is extracted

Folder structure is **JEE specific** -----

FOLDER NAME (war file name )

--- META-INF

--- WEB-INF

--- classes

--- packages of servlet

--- web.xml

--- lib

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--- *.html  
    *.jpg
```

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If we write a sysout in servlet ---that is shown in the tomcat console --- because the **servlet** is a part of tomcat program!!!

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We want user to enter a number and the html should show the table of that number!!!!  
We want user to enter the range also and then the table should be upto that number!!!

<http://localhost:8080/App2/second?num=12&range=5>

AFTER the URL ?num1=12 &range=5 }} this is the **query string**  
**num1 and range are query parameters**