Statement -------------

DML ---- API executeUpdate
DQL -----API   executeQuery
DDL---- API execute

  String sql = "create table ….. "
   stmt.execute(sql)

_____

            2 tier application

            Tier1 --- Java Client (using main --simple java program)[Presentation on command line
            + Business Logic]
            Tier2 ---mysql   [DB LAYER]

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        3 tier application

            Tier1 ------------   Browser (google chrome , MS chromium , MS edge , Firefox , Safari ,
            opera ……. ,IE)
                          Presentation on the browser ---- <mark>GUI</mark> (can be designed using HTML)

            Tier2 --------Web Server (Java Web Server --- **Tomcat** , Weblogic, Websphere, glassfish,
            jboss , jetty …….)
                          Middle tier Business Logic ----- To produce presentation , to connect to DB ,
                          process the data

            Tier3 ----- MySQL
                          Non volatile **storage** and retrieval of DATA

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We have prepared for   }   **Tier2 <-----JDBC------>-Tier3**

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        HTML = Hyper **Text** Markup Language !!!!

            This is interpreted language !! Every browser has an inbuilt interpreter for HTML !!!

            Source file name is XYZ.html / XYZ.htm   } html or htm extensions can be used

            To write html use any text editor ---- notepad , atom , **VSS**

_____

<html>   = opening TAG

< / html > = closing TAG

Tag name	Description
<html>	Outermost tag of an html document
<head>	Heading tag that contains title and script and css links
<body>	The GUI data to be shown
 	The is line break ---adds a new line
	Bold
<i>	italics
<u>	Underline
<p>	Paragraph -- adds extra line before the text
<pre>	The formatting in the source code ---like new line , spaces, tabs are used as it is in output
<div>	Used to logically partition the body into several parts

The Bill amount is rupee symbol 1000 / -
The cost of the device is euro symbol 200

_____

< b> opening tag
        We can write more tags
        OR
        We can write TEXT
 closing tag

Inside the opening tag we can give attributes to the tag -------
< b attribut1=value1   attribute2=value2   attribute3=value3 >

All the tags at least have the id attribute , name   attribute !!!!!!
_____

To show data in tabular format

```
        <table id="t1">
          <tr> <td>1</td><td>cheese</td></tr>
          <tr> <td>2</td><td>vada pav</td></tr>
          <tr><td></td><td/td> </tr>
          <tr> <td></td><td/td></tr>
        </table>
```

image
audio
video

_____

HTML   input tags !!!
HTML   forms

Visit internet sites and observe different widgets on it !!!!

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HTML DOM structure ---------- Document Object Model !!!!
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Tomorrow before u come
1. Install Tomcat Server
2. Check if you have Eclipse for JEE , else install that also