Types of applications

1. Desktop application-→single user application, works on the same machine on which it is installed

2. Web application--→It is deployed on the server, and can be used from anywhere, if we deploy it on one server, many people can use it.
   If the application is deployed on the server, and it returns data with presentation logic(HTML o/p) then we call it as web application

3. Web service-→ It is deployed on the server, and can be used from anywhere, if we deploy it on one server, many front-end application can use it.
   If the application is deployed on the server, and it returns data in the form of JSON object, or XML or text format then we call it as web service
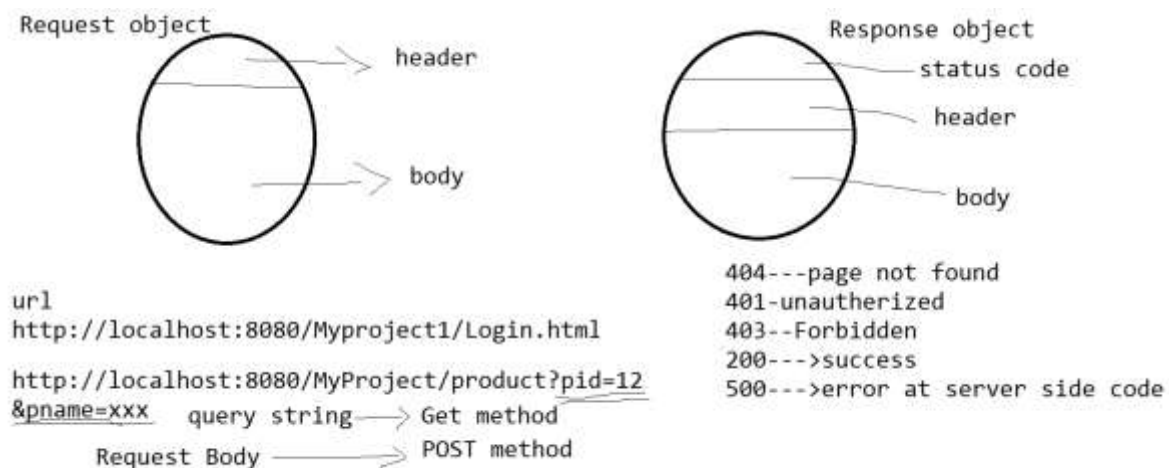
In every web server, there exists a folder which behaves like web container

In tomcat , the name of the folder is webapps

To access any web application, we use http protocol

http protocol is stateless protocol

when we send data to server, we send a request object

Request object
header
body

url
http://localhost:8080/Myproject1/Login.html

http://localhost:8080/MyProject/product?pid=12
&pname=xxx   query string ——→ Get method
        Request Body ————→ POST method

Response object
status code
header
body

404---page not found
401-unautherized
403--Forbidden
200--->success
500--->error at server side code

Status code

1. Informational responses (100 – 199)

2. Successful responses (200 – 299)

3. Redirection messages (300 – 399)

4. Client error responses (400 – 499)

5. Server error responses (500 – 599)

When we deploy any java project on the server, we deploy war file, (Web archive)