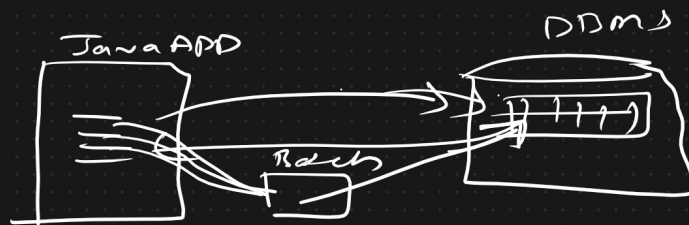=> JDBC :- CRUD ↑

Batch :-

=> Problem associated with JDBC

=> Hardcode the query
(we need to be well aware of DB details
→ tablename, columnname, type of Data)

- - - - - - - -

→ Boiler plate code
(Repetition of same code for dif business logic / operation)

≡

etc

=> Servlets :-

=> springwebmvc } → (Dispatcher servlet)

=> Java
↳ JSE → corejava => Stand Alone
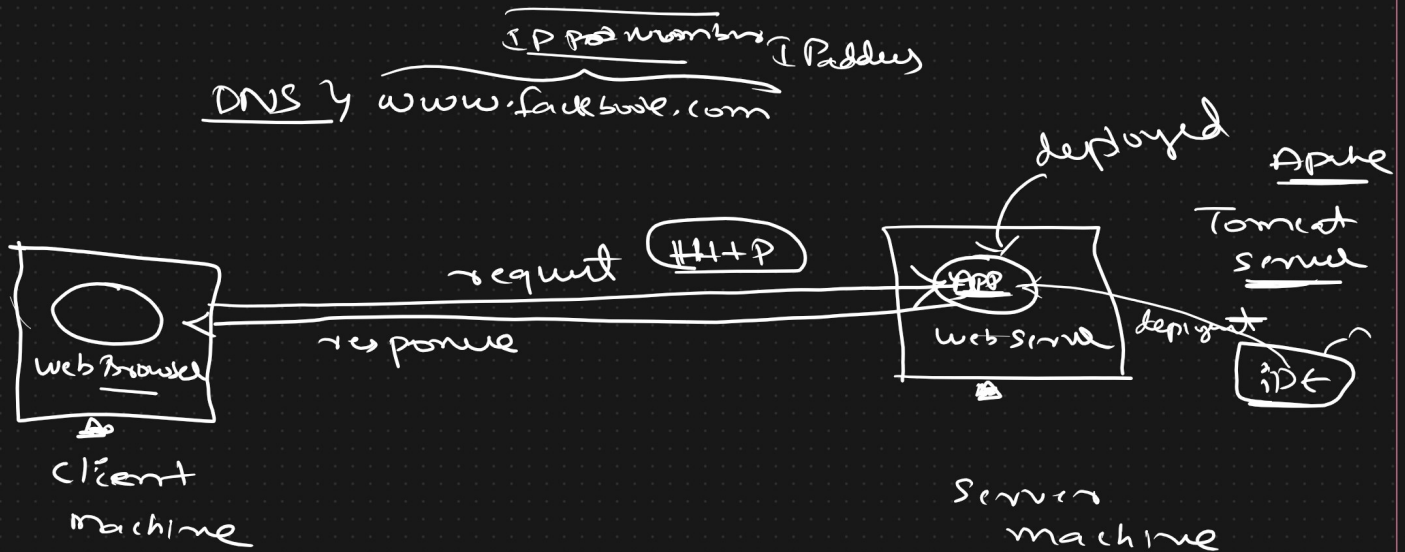
↳ WebApplication ↓
(JEE → servlets }
→ JSP y

=> Internet :-

↳ one machine / system → Another system (IPaddress)

(Web) => service on internet
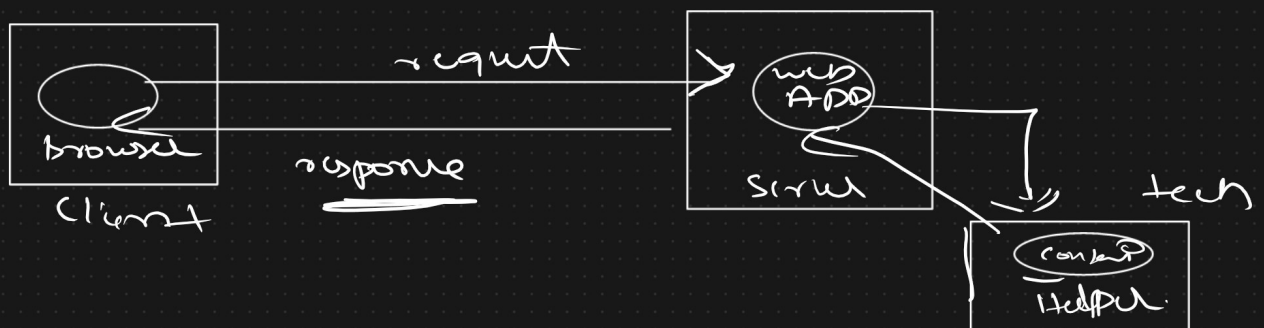
Web based App (internet)

client — server Architecture.

IP _____ (IP addres)
DNS y www.facebook.com

deployed   Apche
                            Tomcat
                            server

request (HTTP)   [APP]
                         web server   deploy
web Browser response   IDE

client   Server
machine   machine

static Response / Dynamic Response.

static response
  L> There will No change in response to
     end user of app (all users same responce).

webbrow   request   APP
client   response   Html|css   server

Dynamic Response :-

browser   request   web
               response   APP
client   Server   tech
                                        content
                                        Helpful.

Spring framework
↓↓
Spring MVC } servlet

{ => Servlet (Java)
JSP
PHP { Laravel }
ASP. Net
=> JS _nodejs
React.

WebApplication:-

(An APP which web based (works with internet) &

Is developed using web related technologies).

{ Html, CSS, servlet, JSP, react, ---- }

=> It can be accessed only with internet connection.

=> Webapp will be deployed on server (computer
which uses server software => it will provide
service/resp to the end user of app (client).

‾‾‾‾‾‾‾‾‾‾‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾

=> Request → Response workflow :-

↳ Server :-→ start the server
→ Deploy our app within server s/w
→ once it's deployed only then client can
send request.

→ client => → should have web browser →
→ From browser → send the request to
app on server system
→ protocol → http

⟹ Apache ⟹ | Tomcat server
(Free & opensource)

⟹ ① → ho to this link :-

https://tomcat.apache.org/download-90.cgi

⟹ once Downloaded, double click & install the
setup file
⟹ During the Installation
↳ Recommdation is to change port NO:- 9999 4
(00)
could be any
thing

⟹ Eclipse → JEE pirspective ⌐
↳ Dynamic webproject ⌐

⟹ Tomcat install ⟹