Read	- Computer Network min Dengn min
3	11.00 L Delhi City - Government Azzignment
	-> Design Comprehensive Traffic light System
	Overvier of design
	The traffic light system for delhi- City will consist of strategically placed traffic lights at intersections throughout the City. These traffic light will be intelligently controlled to manage the flow of vehicles and padestrains efficiently.
	JDBC (Servlet)
	Serviet -:  fomcat
	2 type of technologies - Weblogic
	(i) Web Server (ii) App Server
	Verloy 1005.96.121 -> IP Add  Verloy installing)
-	Tomat has it's own, Syntax it you are upto our Code there you should have the townest when it still dark "Rabindranath Tagor and restand toned to the first when the dawn is still dark "Rabindranath Tagor and restand toned to the first first so it can understand toned

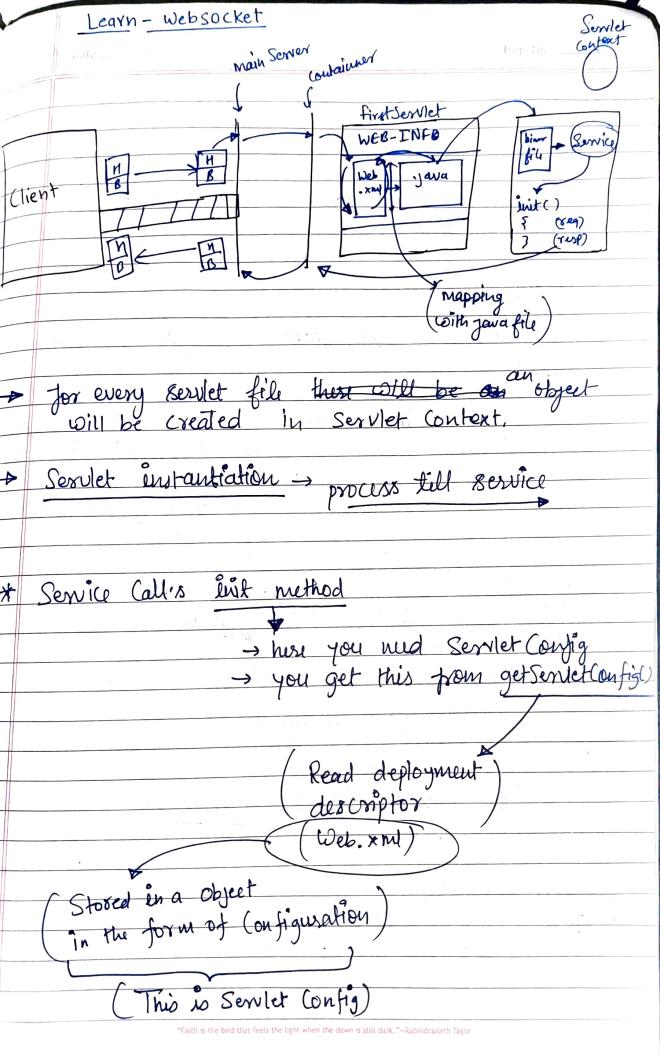
- Sexulet implementation - Given to Tomcat. Demo. para to deploy on Tomicat Must Contain tomat Syntax) Learn Protocolis Set of rules helps to carry to ex. TCP proto[0] Server Side technology TCP Tomat containes two Hunges 1 main Server 2. Containner (ex- spring boot (ontainmer etc)

→ IP of machin 10.5.03 (Machin) postre are, from where maxhin listen a mas machine (outains Several portis [Server Component main server (out continue) request can hold many htp:/ocalhost: 8080/home Servlet-jourg header (request) Client (raponse) (reg) (ommunication) H ( hannel through HIII protocol There is a static request, but to main server then it come back to the client, do not hit the Container. \* if requesting a server side then only hit to Sowlet or Container.

\* We have different butainer for different server technology.

# HTTP - ProtoColis Set -> Set -> Fetching data from DB Post ->
Inserting data into DB

(State changes) Patch > (Updating & pecific detail then provide that) Delete - Delete - Delete - Table) 1×× -> Info 2xx -> Success Info 3xx -> redirection 4xx -> Client error SXX -> Server Side error



Service () method actis as an entry point > getServletInfo() all the linfo in xml file.

Servlet into)

Destma() > Destroy() for explicit Killis the Channel ) Clase the Channel deleting When , it's in no use -> unload the binary fil - destroy the sewlet loutext destroy reg, respolye Servel - interface Have to implement all methods Genesic Servlet - Class (Abstract) - implements Sorvet Implement only the Service One HTTP Servict Working with only http

	(GetiutoPC. com -> for cracked version)
	Date//
	H.W Application using Servlet and JDBC
	* Save data to DB.
	* Retreve data and based on that provide
	the authenticati authorization.
	* Student management postal for the library
-	a ccess.
	The state of the s
	Login form -> html-& CSS
	Detail's of student -> design html page
<b>7</b>	Detail's of student -> design html page  Access page of library.
144	file
rading	InputStream is = get Servlet (ontext (). get ResourceStream ()  Buffer Reader br = new Buffer Reader (new InputStream (is));
	Stain line = br. read line ();
#	Servet redirection
44	moving from our service to
	totally different Servet.
	The state of the s
	Frunt ( ) ide )
So —	Servlet redirection.  Setting up default page  Session 4 (ookies (HttpSession)  filter in Servlet.
4	Complet redirection (ver) and of
→ →	Setting up detault page > (So)
→	Cassion 4 (ooties (HttpSession)
->	filter in Servlet.

(Kibana, Gir Graphana) Cookies store data in Key-Value Pair Session Stored at Server side and in small amount at client side filteris # response sequer blo two servet / request or more than two. filter (seque) Servlet Client Practice -> Given Code an Github