

Assignment No: 1

Title: TOMCAT installation

Slw & H/w : Java 7 or Later

Requirements Apache Tomcat Server

Theory

Web application

A web application runs over Internet

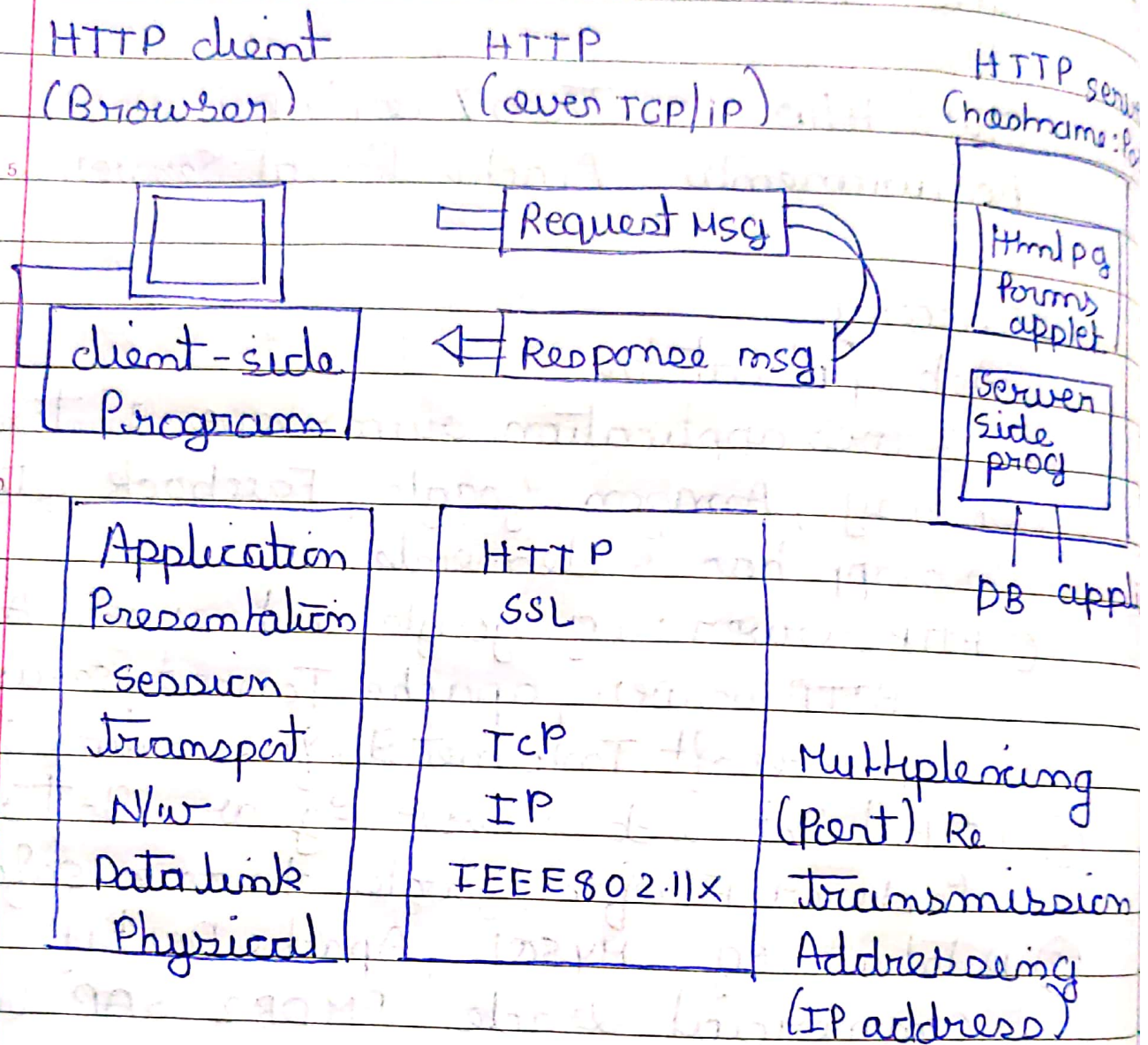
Ex ebay, Amazon, Google, Facebook etc

web app has 5 elements

- ① HTTP server: eg: google webserver, Apache HTTP server, apache Tomcat server, Microsoft Internet Information Server
- ② HTTP client (web browser) Eg are Internet Explorer, Firefox, google chrome, safari etc
- ③ Database eg: MySQL, Apache Derby, commercial Oracle, IBM DB2, SAP SyBase, Msa create etc.
- ④ client-side prog: It can be written in HTML, Perl, VB script, Javascript, Flash etc
- ⑤ server-side prog: Could be written in Java servlet/JSP, ASP, PHP, Perl, Python, CGI and others.

web app is a 3 tier client server DB application which runs over the Internet

as shown in following diagram



20 Apache Tomcat

Tomcat is an open source project under the Apache Software Foundation. The mother site for Tomcat is tomcat.apache.org. Alternatively you can find via the [apache](http://apache.org) mother site.

Tomcat Directory

It contains the following sub directory

- **bin**: It contains the binaries: startup script shutdown script as well as other binaries and script
- **conf**: It contains the system wide config files such as server.xml web.xml context.xml
- **lib**: it contains the Tomcat system wide JAR file which can be accessible by all webapps
- **log**: It contains log files of Tomcat Also you can check error msg here
- **webapps**: It contains the webapps to be deployed you can also place the WAR file for deployment here
- **work**: Tomcat's working directory used by JSP/ for JSP to servlet conversation
- **temp**: temporary files are stored in this directory

Conclusion Hence we have learned how to install and configure Tomcat server

Assignment No : 1

Installation of TOMCAT Server and Configuration of it.

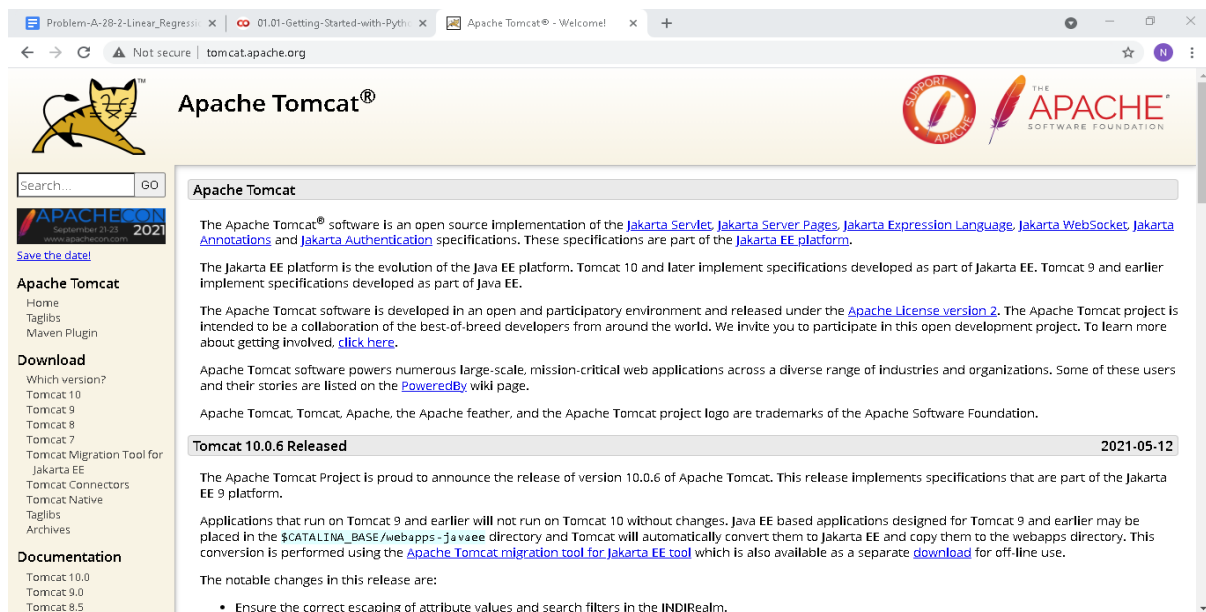
Name Ankita Bonde

Class TE_A

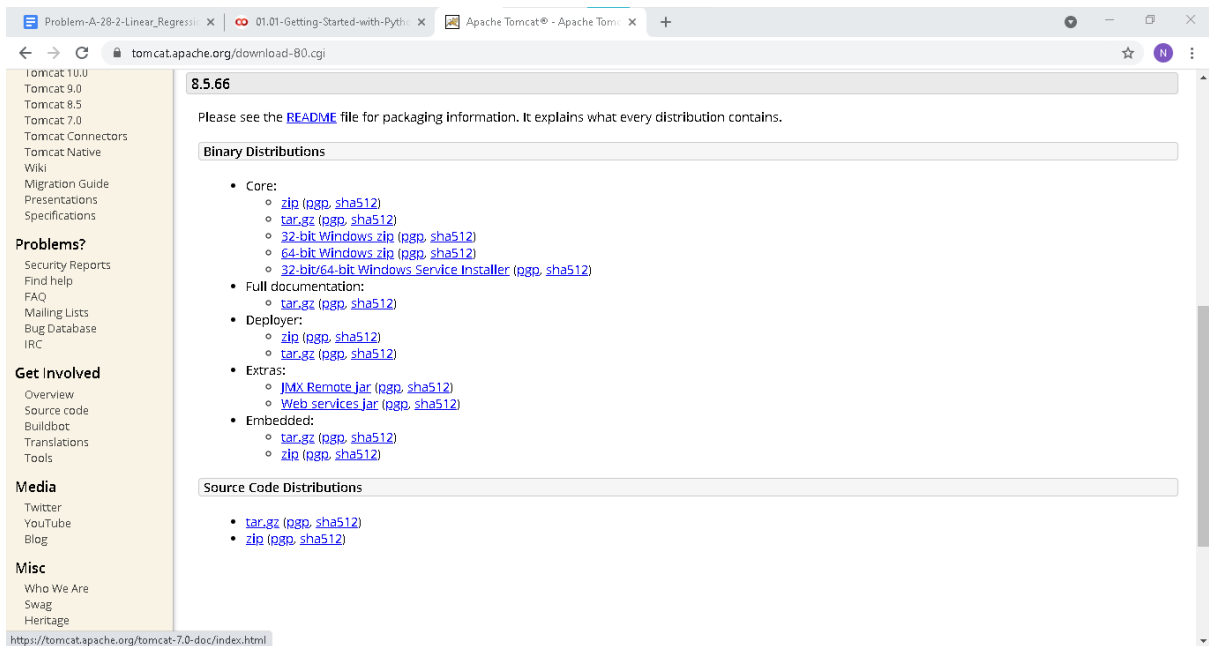
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Apache tomcat EXECUTION STEPS :

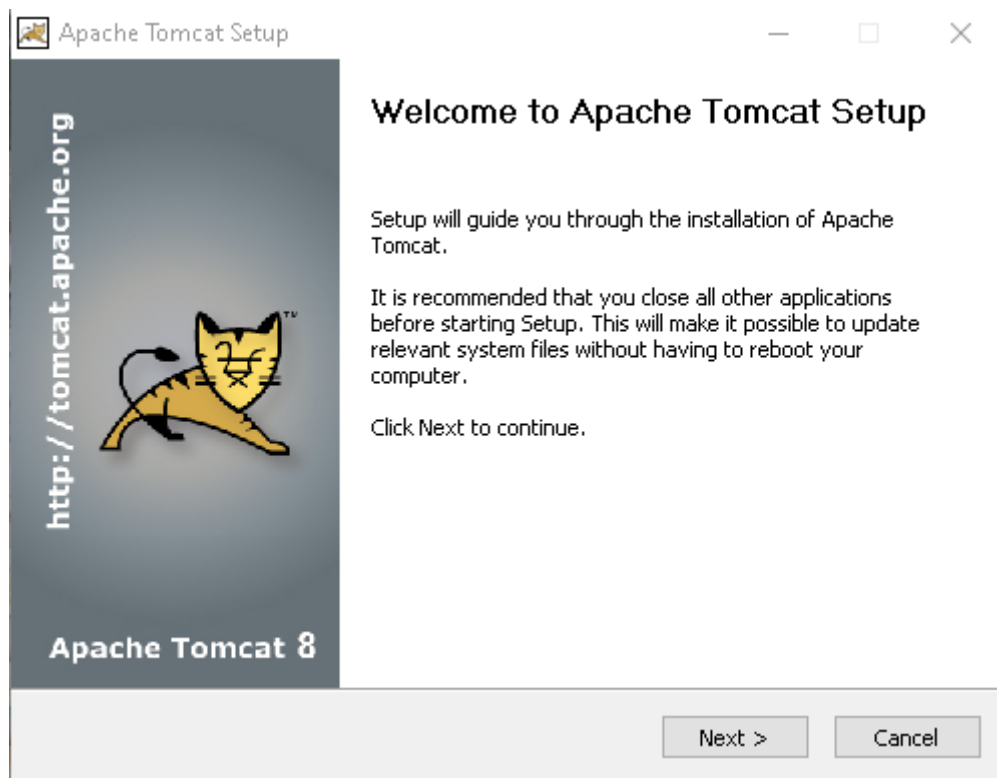
1) Goto <http://tomcat.apache.org>

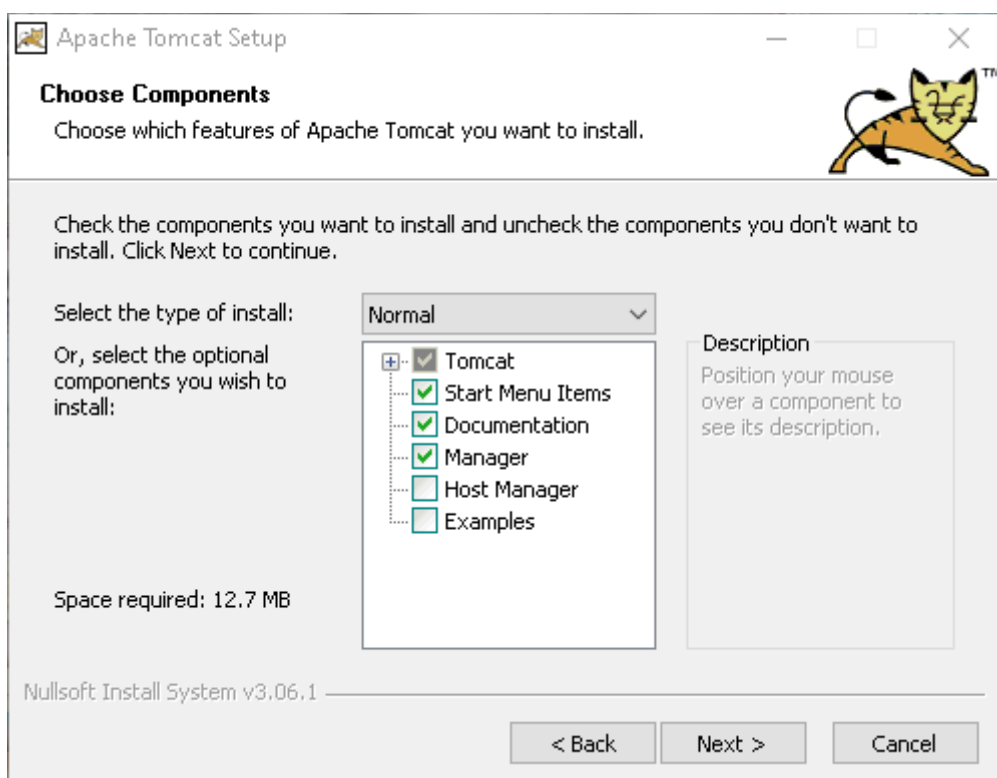
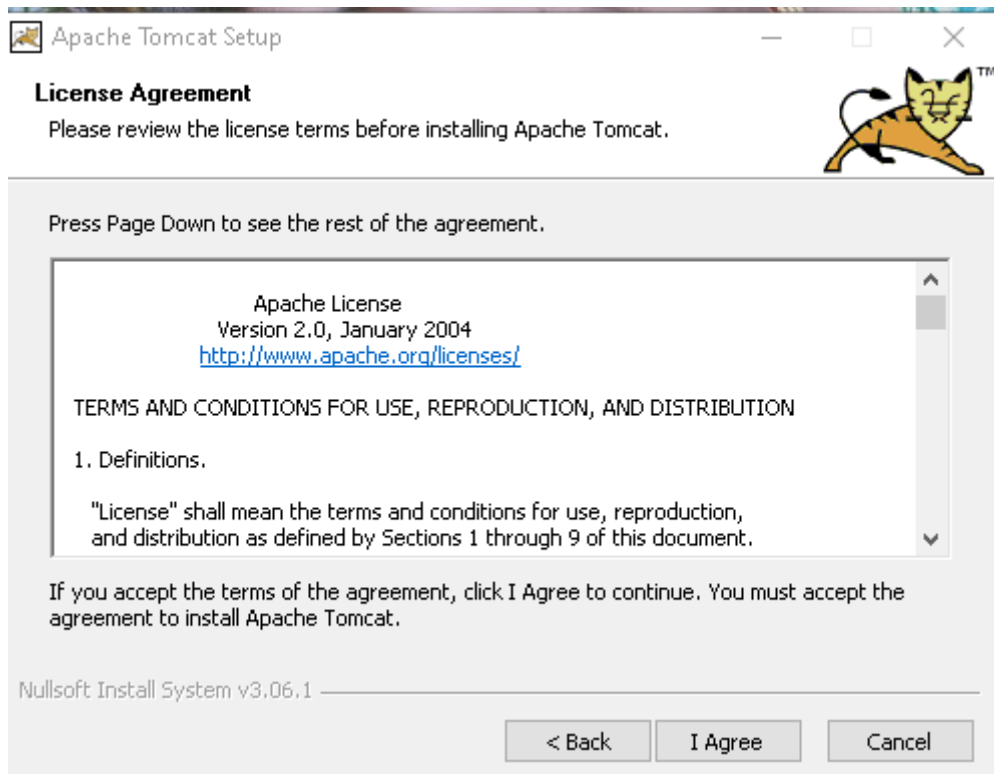


2) Select tomcat version 8 from left side list under Download option (tomcat 8) or select a link [32-bit/64-bit Windows Service Installer \(pgp, md5, sha1, sha512\)](#) 3. Download and run 'exe' file.



3) installation of Tomcat at C:\Program Files (x86)\Apache Software Foundation






4) Use the default settings and provide a password that you will remember.

Apache Tomcat Setup: Configuration Options

Configuration
Tomcat basic configuration.



Server Shutdown Port: -1

HTTP/1.1 Connector Port: 8080

Windows Service Name: Tomcat8

Create shortcuts for all users: ☐

Tomcat Administrator Login (optional)

User Name:

Password:

Roles: manager-gui

Nullsoft Install System v3.06.1

< Back Next > Cancel

5) Find start program in program menu. Look under Apache Tomcat and select "Startup.bat"

Open web browser and type <https://localhost:8080/>

