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TEA #17

Practical 1

Aim : Tomcat server installation

objectives : understand how to install tomcat server and setup environment variables

s/w & h/w : Java 7, Apache tomcat server

Theory :-

Web application :-

1) HTTP server - e.g google webserver, Apache, HTTP server, tomcat server.

2) HTTP client - e.g Internet explorer, firefox, chorome

3) Database - e.g MYSQL, MS, SQL server, Scolite, IBM DB2, MS access, etc

4) client side program - It can be written HTML form, vBscript, Javascript, etc

5) serveg side program - could be written in Java servlet, JSP, ASP, PHP, perl

A web app is 3tier client-server database application

6) To start a web app, A user issues a URL require via HTTP client to HTTP server

2) HTTP server returns an HTML form which is loaded into client's browser
3) The user fills up query data inside form & submit.
4) The client-side program send query parameters to server side program
5) Client-side program display query req on browser
6) The process repeats for next request

A pache Tomcat :-
- Is an open source project under apache s/w foundation
- The other side for Tomcat is http://tomcat.apache.org

Execution steps :
1) Goto http://tomcat.apache.org.
2) Select version & from left side list under download.
3) Download & run exe file.
4) use default setting & provide password that you will remember, & then install tomcat

How to run Tom cat :
1) find start program in programs menu. look under Apache tomcat & select 'start Tomcat' or startup.bat
2) open any web browser & type given URL
       http://localhost: 8080/

conclusion :-
   we have learned how to install & configure tomcat server