

CSF205 – Data Representation, Markup Languages, and Web Services

Lab 07: HTTP & Tomcat

Resources to use:

Files required for the labs are provided in a separate directory.

Tasks:

1. File(s) to use: tomcat.zip

1. Download the tomcat.zip
2. Unzip the file.
3. Execute the startup.bat (windows) startup.sh (linux/mac) to start the server.
4. Check the web page <http://localhost:8080/>
It should display a page with First Servlet written in it.

2. File(s) to use: Unzipped tomcat.zip

1. Open the web.xml under tomcat/webapps/ROOT/WEB-INF/
2. Change the url-mapping from / to /MainPage
3. Execute the shutdown.bat (windows) shutdown.sh (linux/mac) to start the server.
4. Check the web page <http://localhost:8080/>

It should display a 404 Status Page. What should be the URL to access the FirstServlet ?

3. File(s) to use: Lab7.zip

1. Unzip the Lab7.zip inside the tomcat/webapps folder (you should have Lab7 folder parallel to ROOT folder in the webapps)
2. Open the index.html file under Lab7 folder and update the TODO's given in the html file.

Hint: in the web.xml we will see a servlet name, a servlet class and a URL mapping. The servlet name that should go in the index.html should be the one given in the URL mapping.

Lab Exercises

In case of the AnnotatedServlet entry, check the AnnotatedServlet.java class in the Lab7/WEB-INF/classes folder and see what the WebAnnotation is for that class and use that as the servlet name in the HTML file.

Execute the different Get and Post methods given in the HTML file and ensure that there is no error.