
INFS3202/INFS7202 Web Information Systems

Practical 4 – JSP

The goal of this practical is to explore JSP. This assignment counts for 5% of the total unit assessment. You must present this practical to your lab tutor during your scheduled lab session in week 7. There are totally 2 tasks.

If your scheduled lab session is a holiday, then present it to your lab tutor in week 8.

A step-by-step guide is provided for you to do this prac. Discussion with your classmates and seeking help from your lab tutor are permitted; however, it is not allowed to copy other people's code, except those used in the lectures.

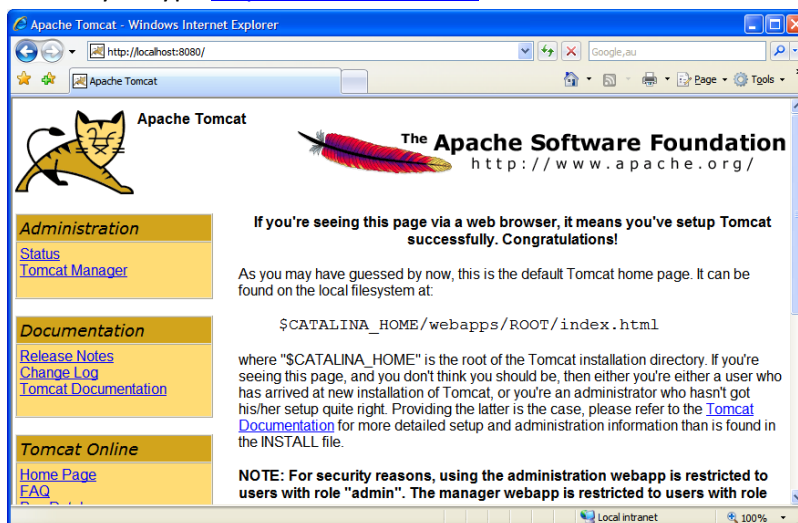
Marking guideline: For each task, 0 marks for doing nothing; 1.5 marks for partial completion; 2.5 marks for completion (no mistake/error).

Task 1 – Install Tomcat + Login/Logout using JSP

In this task, you need to install Tomcat and write login/logout with JSP. We want to do something similar to Practical 03 Task 1, but instead of displaying PHP information, we display JSP information.

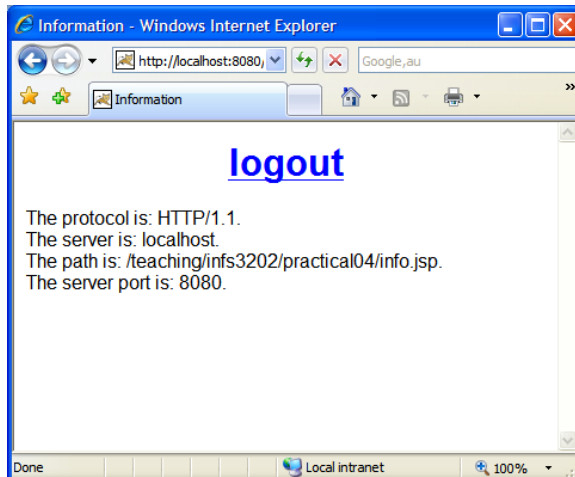
Guideline:

1. Follow the lecture notes, download, install and start Tomcat in your H: drive.
2. If you can successfully install **and** start Tomcat, then a page similar to this one should be displayed when you type <http://localhost:8080/> :



3. **All pages in this task must be written in JSP. Put all the files in the appropriate place.**

- Follows the guideline of Practical 03 Task 1 precisely, except that after login, we display:

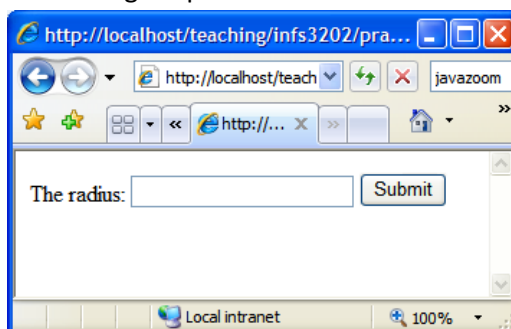


Task 2 – JSP and Java Bean

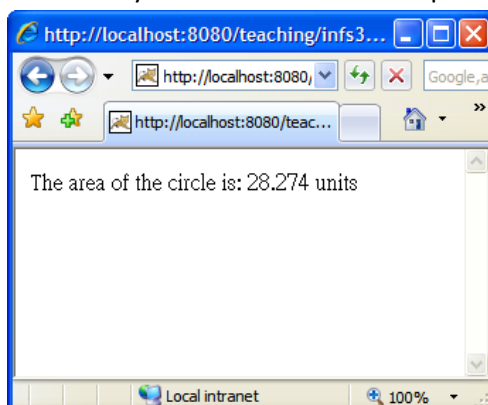
In this task, you need to write Java Bean to calculate the area of a circle after the user input a radius.

Guideline:

- All pages in this task must be written in JSP. Put all the files in the appropriate place.**
- Write the following simple form and save as “form.jsp”



- Write the necessary Java Bean files. The output should be:



- The area of a circle = $\text{PI} \times \text{Radius}^2$, where PI can be called by using `Math.PI` in Java. For example: `area = Math.PI * r * r;`