



Lab 2:

JAVA EE – Session

Objectives :

- ❖ Working with Session tracking.

Exercise 1

We propose to develop a simple web application that allows a user to manage (add, display, and delete) a to-do list. For this purpose, the user has a web form called **add.html** that requires entering the name of the new task to be added to the list. Upon submitting the form, this name will be sent via the get method to a Servlet with the URL pattern **AddTodo**. This Servlet performs the following processing:

- Retrieves the name of the new task.
- Adds it to the list of tasks stored by the server in a session.
- Displays a message: *"The task has been added to the list."*

- Displays a hyperlink to an **index.html** page (which contains two hyperlinks: one to the **add.html** page and the other to the **DisplayTODO** servlet).
- The Servlet with the URL pattern *DisplayTodo* will be responsible for displaying:
 - The number of tasks in the list.
 - The names of all tasks stored in the list.

Improvement:

In the previous display of the to-do list, we want to add a hyperlink "**Delete**" in front of each task that points to a Servlet named **DeleteTODO**, transmitting the order of that task in the list. This servlet will have the following processing:

- Retrieve the order of the task to be deleted.
- Remove the task from the list.
- Redirect the response to the **DisplayTODO** servlet.