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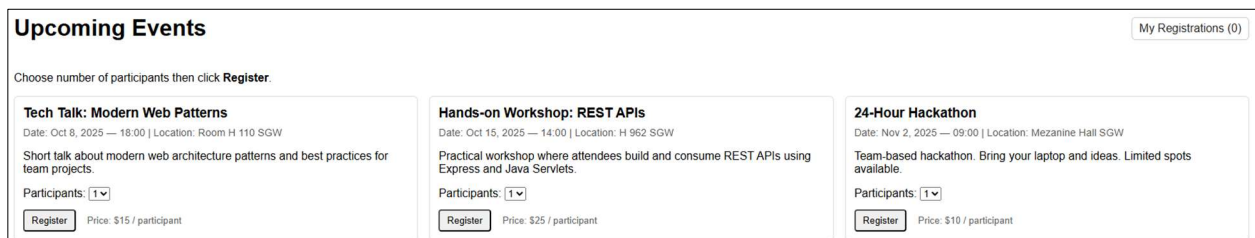
<b>Due Date:</b>	By 11:59 PM, October 20, 2025
<b>Late Submission:</b>	None accepted.
<b>Purpose:</b>	The purpose of this assignment is to practice server-side coding to handle http requests and responses.

You are required to implement a simplified online event registration system using: 1) Java Servlets and 2) JSP. That means you implement the same website twice, one time using servlets and one time with JSP. The functions/pages of this Web site are described below:

**N.B: All events information is hard-coded; no database or files.**

## 1. Event Listing Page

- Display a list of three upcoming events (e.g., “Tech Talk,” “Workshop,” “Hackathon”).
- Each event shows:
  - Event name, date & time, and location.
  - Short description.
  - A dropdown to select number of participants (1–5).
  - “Register” button.
- A “My Registrations” link at the top right takes the user to the registration summary page.
- Clicking “Register” adds that event registration (with chosen number of participants) to a registration list and stays on the listing page.



**Upcoming Events** My Registrations (0)

Choose number of participants then click **Register**.

<p><b>Tech Talk: Modern Web Patterns</b>            Date: Oct 8, 2025 — 18:00   Location: Room H 110 SGW            Short talk about modern web architecture patterns and best practices for team projects.            Participants: <input type="text" value="1"/>  <input type="button" value="Register"/> Price: \$15 / participant</p>	<p><b>Hands-on Workshop: REST APIs</b>            Date: Oct 15, 2025 — 14:00   Location: H 962 SGW            Practical workshop where attendees build and consume REST APIs using Express and Java Servlets.            Participants: <input type="text" value="1"/>  <input type="button" value="Register"/> Price: \$25 / participant</p>	<p><b>24-Hour Hackathon</b>            Date: Nov 2, 2025 — 09:00   Location: Mezzanine Hall SGW            Team-based hackathon. Bring your laptop and ideas. Limited spots available.            Participants: <input type="text" value="1"/>  <input type="button" value="Register"/> Price: \$10 / participant</p>
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*Figure 1. Events Listing page*

## 2. Registration Summary Page

- This page shows all events the user registered for.
- Each row displays:
  - Event name, date/time
  - Number of participants

- Price per participant & total for that event

Actions:

- **Update button:** Change number of participants and update the total cost. If 0 participants entered, show a warning but do not remove the registration.
- **Cancel button:** Completely removes that event from the registration list.
- **Continue Browsing link:** Returns to the Event Listing Page.
- **Confirm Registration button:** Takes the user to a simple page with “Registration Confirmed!” (no actual payment or email).

My Registrations					<a href="#">Continue Browsing</a>
Event	Date / Time	Participants	Price / participant	Total	Actions
Tech Talk: Modern Web Patterns	Oct 8, 2025 — 18:00	2 <input type="button" value="Update"/>	\$15	\$30	<input type="button" value="Cancel"/>
Hands-on Workshop: REST APIs	Oct 15, 2025 — 14:00	1 <input type="button" value="Update"/>	\$25	\$25	<input type="button" value="Cancel"/>
<a href="#">Continue Browsing</a> <input type="button" value="Confirm Registration"/>					

Figure 2. Registration Summary page

### 3. Registration Confirmation Page

## Registration Confirmed!

Thank you — your registrations have been recorded.

An email confirmation is *not* required for this assignment.

[Back to Events](#)

Figure 3. Registration Confirmation page

Some more detailed requirements:

1. Do not mix servlet and JSP. You use only one technique at the server side at a time.
2. Do not submit the modules or the dependent jar files. Only submit your code with proper directories.
3. Make sure you style your websites using CSS.

## Submitting Assignment #1

### **Submission:**

- This is an individual assignment.
- Please give meaningful names to files to make the evaluation process easier.
- Do not submit the modules or the dependent jar files. **Only submit your code with proper directories.**
- Please make sure to review your final version right before submission and avoid making unreviewed last-minute changes. The submitted file will be graded, and it is your responsibility to ensure it is the correct version.
- You need to create one Zip file for your assignment. This .zip file must contain your code with proper directories. The naming convention is as follows:
  - The .zip file should be called *a#\_studentID*, where # is the number of the assignment and studentID is your student ID. For example: with regard to this assignment, a student with ID/Number: 123456 shall submit a .zip file named: a1\_123456.zip
  - Submit your zipped file via course Moodle webpage.

## Evaluation Criteria for Assignment 3

<b>Event Listing Page</b>	<b>8 pts</b>
<ul style="list-style-type: none"> <li>• Use some CSS to style the page</li> <li>• The page content</li> <li>• The “Register” button function</li> <li>• The “My Registrations” link function</li> </ul>	1 pts 2 pts 4 pts 1 pts
<b>Registration Summary Page</b>	<b>11 pts</b>
<ul style="list-style-type: none"> <li>• The “Update” function</li> <li>• The “Cancel” function</li> <li>• The “Continue Browsing” link</li> <li>• The “Confirm Registration” button</li> <li>• Use some CSS to style the page</li> </ul>	3 pts 4 pts 2 pts 1 pt 1 pt
<b>Registration Confirmation Page</b>	<b>1 pt</b>
<b>TOTAL</b>	<b>20 pts</b>