Development of Enterprise Applications I

22.2/23.1 Faculty of Computing

Tutorial Session 01

Answer all questions.

1) What is a Servlet in Java?

2) What is meant by static and dynamic websites. List down their differences.

3) What are the differences between the Get and Post requests?

4) Create a new Java web project in NetBeans.

   2.2 Add the necessary servlet dependencies to your project.

   2.3 Define a simple servlet class named HelloServlet that extends HttpServlet.

5) What is the purpose of the web.xml file in a servlet-based web application?

   3.2 Configure the HelloServlet in the web.xml file with a servlet mapping.

6) Override the doGet method in the HelloServlet to handle HTTP GET requests.

   4.2 Write code inside the doGet method to send a simple "Hello, World!" response to the client.

7) Override the doPost method in the HelloServlet to handle HTTP POST requests.

   5.2 Write code inside the doPost method to send a "Hello, POST!" response to the client.

8) Configure the Web Pages Folder and delete index.html

   6.2 create a new index.jsp and add a click button to redirect to your servelet.

9) Deploy your servlet project to a local servlet container (e.g., GlassFish Server).

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6.2 Open a web browser and navigate to the URL where your servlet is mapped. Verify that you can see the "Hello, World!" or "Hello, POST!" message.