Phase-2 Practice Project: Assisted Practice

2.Configure a servlet in Eclipse IDE.

```java
import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class MyServlet
 */
public class MyServlet extends HttpServlet {
	private static final long serialVersionUID = 1L;

  /**
   * @see HttpServlet#HttpServlet()
   */
  public MyServlet() {
    super();
    // TODO Auto-generated constructor stub
  }

	/**
	 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
	 */
	protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
		// TODO Auto-generated method stub
		response.getWriter().append("Served at: ").append(request.getContextPath());
	}

	/**
	 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
	 */
	protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
		// TODO Auto-generated method stub
		doGet(request, response);
	}

}
```

Create Servlet

Create Servlet
Specify class file destination.

Project: FirstServlet

Source folder: /FirstServlet/src/main/java [Browse...]

Java package: [Browse...]

Class name: MyServlet

Superclass: javax.servlet.http.HttpServlet [Browse...]

☐ Use an existing Servlet class or JSP

Class name: MyServlet [Browse...]

[< Back] [Next >] [Finish] [Cancel]

Properties for FirstServlet

type filter text

- Java Build Path
- Java Code Style
- Java Compiler
- Javadoc Location
- Java Editor
- JSP Fragment
- Project Facets
- Project Natures
- Project References
- Run/Debug Settings
- Server
- Service Policies
- Targeted Runtimes
- Task Tags
- Validation
- Web Content Settings
- Web Page Editor
- Web Project Settings
- WikiText

Java Build Path

Source | Projects | Libraries | Order and Export | Module Dependencies

JARs and class folders on the build path:

- Modulepath
  - JRE System Library [JavaSE-19]
- Classpath
  - EAR Libraries
  - Server Runtime [Apache Tomcat v8.5]
  - Web App Libraries

[Add JARs...]
[Add External JARs...]
[Add Variable...]
[Add Library...]
[Add Class Folder...]
[Add External Class Folder...]
[Edit...]
[Remove]
[Migrate JAR File...]

[Apply]

[Apply and Close] [Cancel]