

1. Install Apache Tomcat

- Go to Tomcat Downloads (Choose Tomcat 9 or 10 for Java 17).
- Download **Windows zip** (not .exe installer).
- Extract to a folder like C:\apache-tomcat-9.0.89.

2. Add Tomcat to Eclipse

1. Open **Eclipse IDE**.
2. Go to **Window → Preferences → Server → Runtime Environments**.
3. Click **Add** → Select **Apache Tomcat v9.0** (or v10.0) → Next.
4. Browse to your Tomcat installation directory (e.g., C:\apache-tomcat-9.0.89).
5. Click **Finish** → **Apply and Close**.

3. Configure Project for Tomcat

1. Right-click your project → **Properties**.
2. Go to **Targeted Runtimes** → Check **Apache Tomcat v9.0**.
3. Click **Apply and Close**.

4. Build Path Settings

- Since pom.xml already has **Servlet**, **JSP**, **Hibernate**, and **MySQL** dependencies, Maven will handle libraries.
- Right-click Project → **Maven → Update Project**.

5. Deploy & Run the Application

1. Go to **Servers** tab in Eclipse (bottom of IDE).
If not visible → **Window → Show View → Servers**.
2. Right-click inside Servers → **New → Server**.
3. Select **Apache → Tomcat v9.0 Server**.
4. Choose Tomcat installation directory → Finish.
5. Drag & drop your project to the Tomcat server in Servers tab.
6. Right-click Tomcat → **Start or Run on Server**.

6. Access Application in Browser

- Once started, open:
- <http://localhost:8080/WebHiberbate/>
- Index.jsp will load, and you can navigate to Create, List, Update, and Delete Employee pages.

7. Database Setup

- Make sure MySQL database webemp exists:
- CREATE DATABASE webemp;
- Hibernate (hbm2ddl.auto=update) will create tables automatically.