Before Getting started

# Requirements:

1. IDE, any of (e.g. apache netbeans, vscode, eclipse)
2. JDK
3. MAVEN
4. Local Server (e.g. tomcat server, Glassfish Server)

# Pre-requisites

* CORE JAVA
* Html
* CSS
* JavaScript

NOTE: In this tutorial Series, Aim is to give good analogy on java enterprise edition (java ee), with latest tools and technology

# Setup:

1. Extensions:
   1. Extension pack for java (by Microsoft)
   2. Community server. (by redhat)
2. Steps to setup maven
   1. Download maven zip file from. [Download Apache Maven – Maven](https://maven.apache.org/download.cgi?.) and extract file.
   2. Set path of maven bin (e.g. C:\maven\_file\apache-maven-3.9.9-bin\apache-maven-3.9.9\bin) to System Environment Path Variable
   3. Test maven set properly -> open CMD type > mvn --version
3. Steps to setup server
   1. Download server like tomcat or glassfish and extract file
      1. Open Vscode.
      2. Download community server from redhat
      3. Open explorer, scroll down open server section, right click on server icon click start. Then click on create new server icon, select (No, use sever on disk). Navigate through library select server downloaded (e.g. C:\apache-tomcat-11.0.6-windows-x64\apache-tomcat-11.0.6). click on **Finish**
      4. Right click on server icon select **start**

# Build and Execution

1. Open project folder in integrated terminal. Type mvn clean verify **Enter**. Command will clean the project and build deployable .war file.
2. Open target folder right click on .war file select run on server.
3. Right click on server icon select server action, show in browser..., select specific .war file to execute specific project.

\*This tutorial is created through help of AI tools. Summary and brief explanations are driven through AI and analysed by humans any possible queries and question made may or may not be solved.