
Pre-requisites

1. Install **Eclipse IDE**.
2. Install **JDK**.
3. Download the provided FitPeo.zip file.
4. The FitPeo.zip file contains two additional zip files and a document with instructions for running the code.
5. Extract the two zip files, which include:
 - **Assignment File**
 - **.m2 Folder**
6. Before adding the Assignment File to the Eclipse workspace:
 - Navigate to: C:/Users/<User_Home>/m2.
 - If a repository folder exists, delete it.
 - **Note:** Leaving this folder may cause build errors or issues with the pom.xml file when the Assignment File is added to the workspace.
 - User_Home refers to your home directory.
7. After completing the above step, extract the downloaded .m2 zip file to the location: C:/Users/<User_Home>/m2.
8. Once the above steps are completed, proceed with the following instructions.

Steps to Execute the Code

Before proceeding, ensure all pre-requisites are completed to avoid issues during execution.

1. Open **Eclipse IDE**.
2. Click on **File -> Open Project from File System**.
3. Select the extracted Assignment file, add it to the workspace, and wait for the build process to complete.
4. To run the code with **TestNG**, you must install TestNG first.

Steps to Install TestNG

- a) Go to **Help -> Eclipse Marketplace**.
- b) Search for "TestNG" and click on **Install**.
- c) If a trust notification appears, check the box and click **Trust Selected**.
- d) Restart Eclipse after installation.

Execution Steps

Option 1: Using StandaloneTest.java

1. Navigate to src/test/java/FitPeo/StandAloneTest.java.
2. Right-click on StandAloneTest.java.
3. Select **Run As -> TestNG Test** or **Maven Test**.
 - TestNG can only be used after it is installed.

Option 2: Using testng.xml

1. Open the testng.xml file.
2. Right-click on testng.xml.
3. Select **Run As -> TestNG Suite**.
 - TestNG must be installed beforehand.

You can choose either option for code execution.

Information About Code

1. The assignment project is a Maven-based project.
2. The pom.xml file contains all the dependencies required to run the code.
3. The testng.xml file is used to execute the TestNG test suite.
4. The src/main/java/properties/GlobalData.properties file contains properties that specify the type of browser to launch for accessing the website.
5. The src/test/java directory has four packages:
 - **Base Package:** Contains the BaseClass.java file, which includes methods for browser initialization, launching, and closing.
 - **FitPeo Package:** Contains the StandaloneTest.java file, which outlines the procedure for executing tests.
 - **PageObject Package:** Contains page object classes for each page, with methods representing actions performed on those pages.
 - **ReusableMethods Package:** Contains common methods used across the entire test suite.