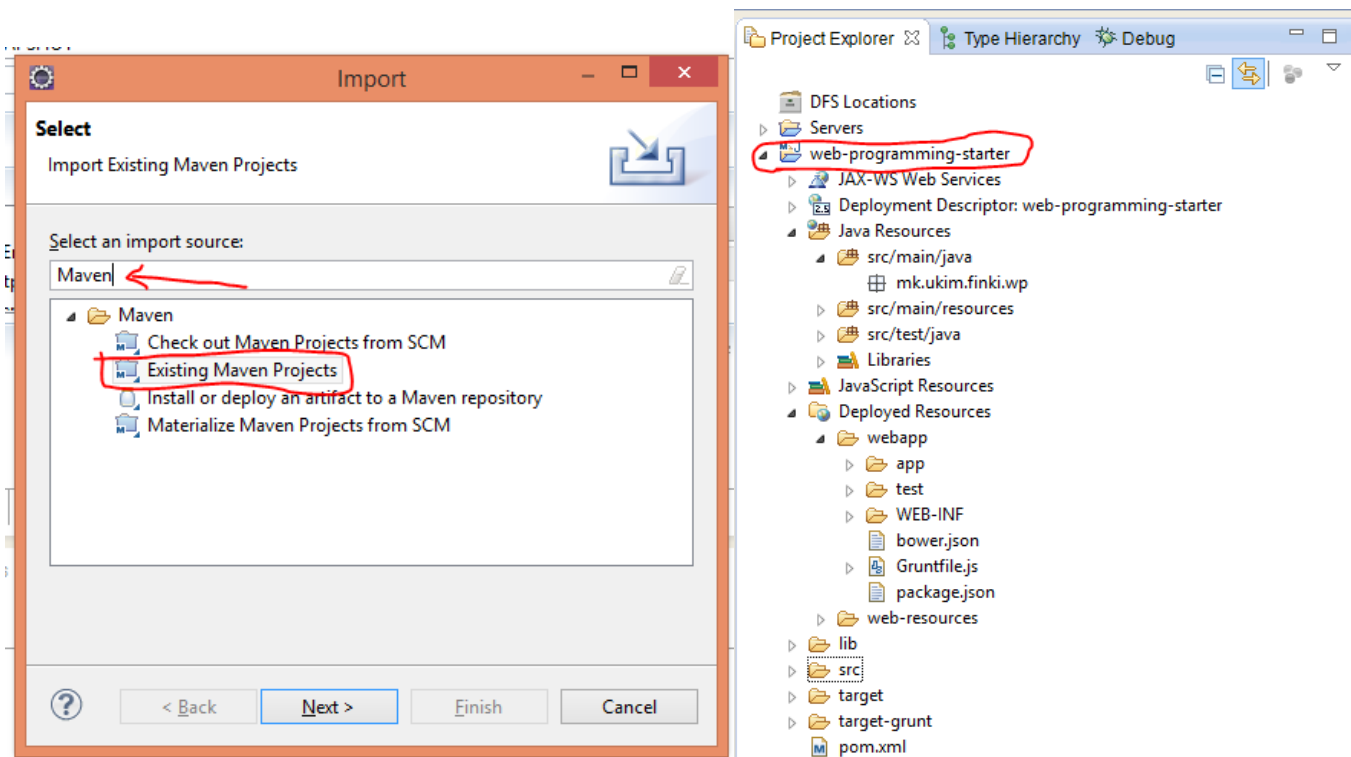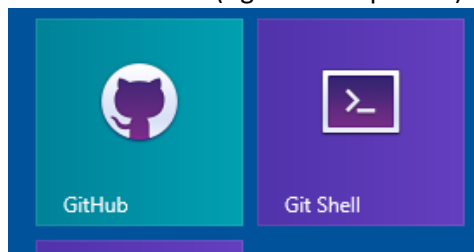# web-programming-starter project setup and running

Opening the project in Eclipse

1. Open the project in Eclipse:
   a. **File – Import**
      i. Select **Existing Maven Project** from the **Maven** category (left Picture)
         1. If this category is not available, the simplest solution is to download new version of Eclipse from [here](#).
      ii. Click on **Browse** and select the destination of the project
      iii. Click on **Finish**

2. The project will then appear in your **Project Explorer** (right Picture)
3. Download and Install **node.js** from http://nodejs.org/
4. Download **git** and register it as global variable
   a. Easiest way is to download and install GitHub from https://windows.github.com/ and then use its console **Git Shell** (right on the picture)

5. Open the shell (with exported git and npm)
6. First install bower by typing:

```
npm install -g bower
```

    a. In cases when npm is installed but not recognized, use the [following instructions](#).

7. Navigate to the project's webapp folder

```
C:\workspaces\web-programming\web-programming-starter> cd .\src\main\webapp\
```

8. Type

```
bower install
```

9. Refresh the project in Eclipse
10. The project is ready for running

Running the project from Eclipse

1. Go to **Run – Run Configurations** menu
2. Select **Maven Build**, then right click on it and select **New**
3. Set the **Name** of your configuration in the top of the newly open panel on the right side
    a. Ex: wp-run
4. Click on a **Browse Workspace** button and select the *web-programming-starter* project
5. In **Goals** type: **tomcat7:run**
6. Click **Apply** to save the configuration
7. Click **Run** to start the project
    a. For the next runs, It can be started from the following icon