WebDriverIO -Set up.

[WebdriverIO · Next-gen browser and mobile automation test framework for Node.js | WebdriverIO](https://webdriver.io/)

Install yarn.

A screenshot of a computer program

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How to know where the npm package is getting downloaded

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C:\Users\ACER\AppData\Roaming\npm\node\_modules – this is the path where all the node packages gets installed

Following is the path where all the dependencies get downloaded for the node package manager

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Why WebDriverIO

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Install WebDriver IO

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Give the folder name where we want to install all the dependencies.

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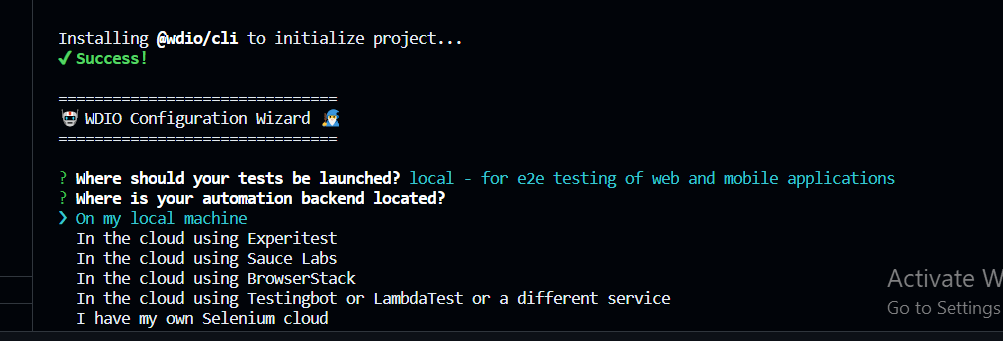
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Select local



Select on my local machine.

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Go for mocha

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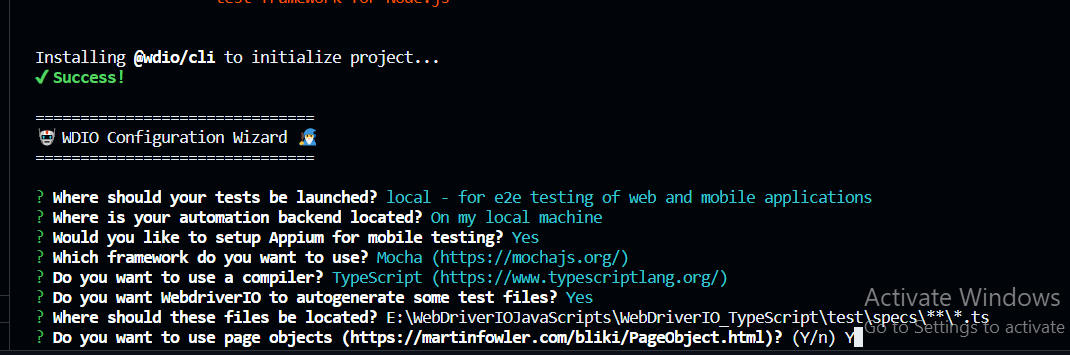
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Select typescript

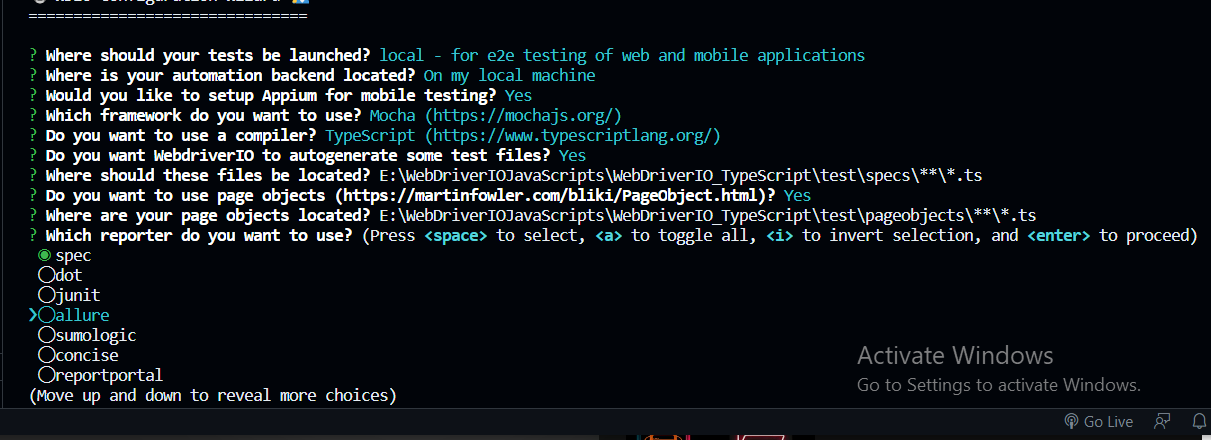
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For page object select yes



Which reporter to select



Select spec and allure – do multiple selection using space keybar

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Don’t select any wait plugin.

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Use chromium driver

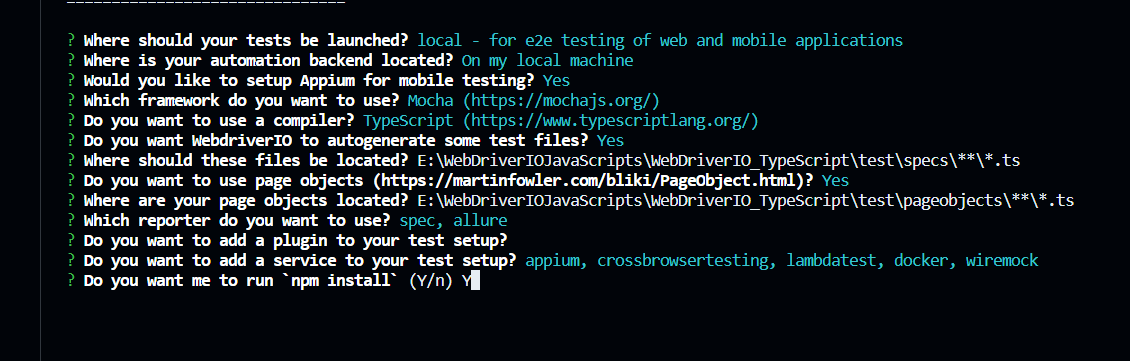
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Select npm packages to start the installation



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Project is successfully set in my local

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Run the sample tests

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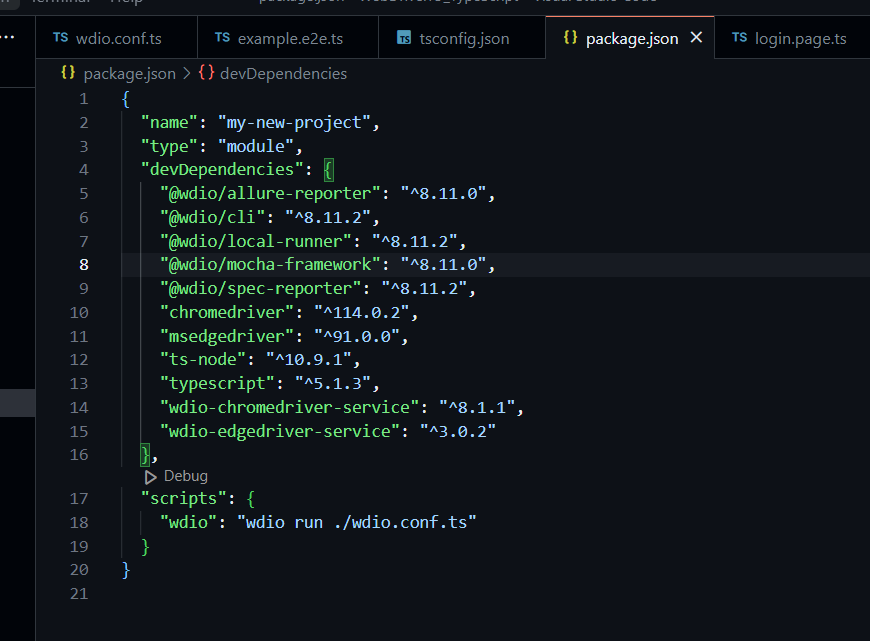
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Description automatically generated

Sample Script got executed – wdio run

Once the project is created – sample package.json file is created



Inside the WDIO – conf.ts – It specifies the wdio runner which spec file to be executed.

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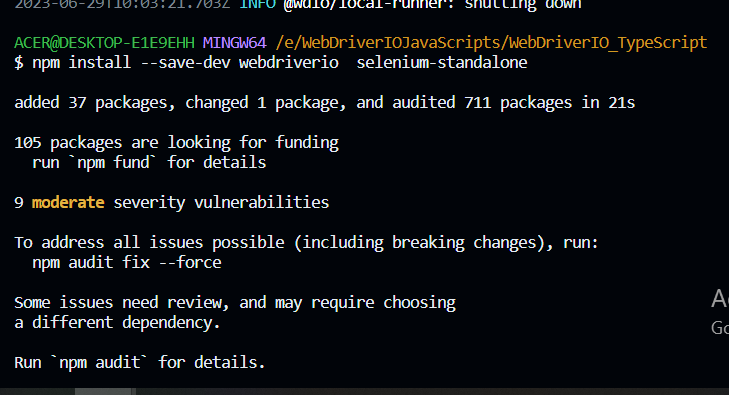
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Capabilities – it defines the browser where the scripts need to be executed

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Install the selenium standalone server



Install all the selenium standalone drivers.

$ node\_modules/.bin/selenium-standalone install

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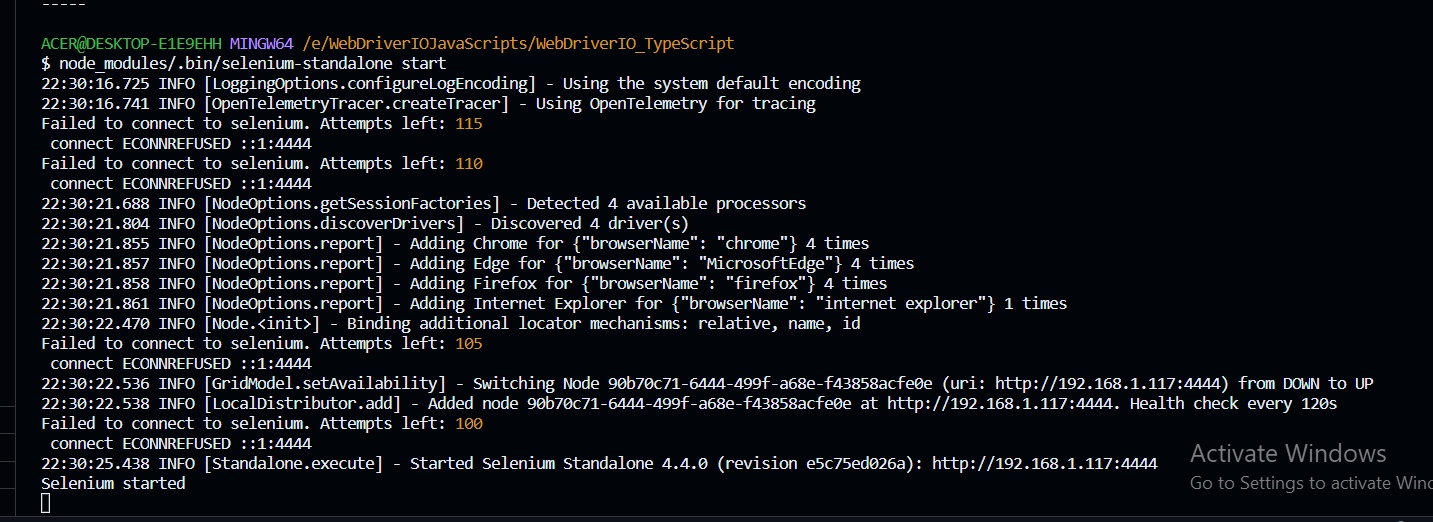
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Let us start the selenium standalone server.

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Description automatically generated

Selenium grid started on the following port -http://192.168.1.117:4444



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In the node js project all the dependencies will get downloaded inside the node\_modules folder

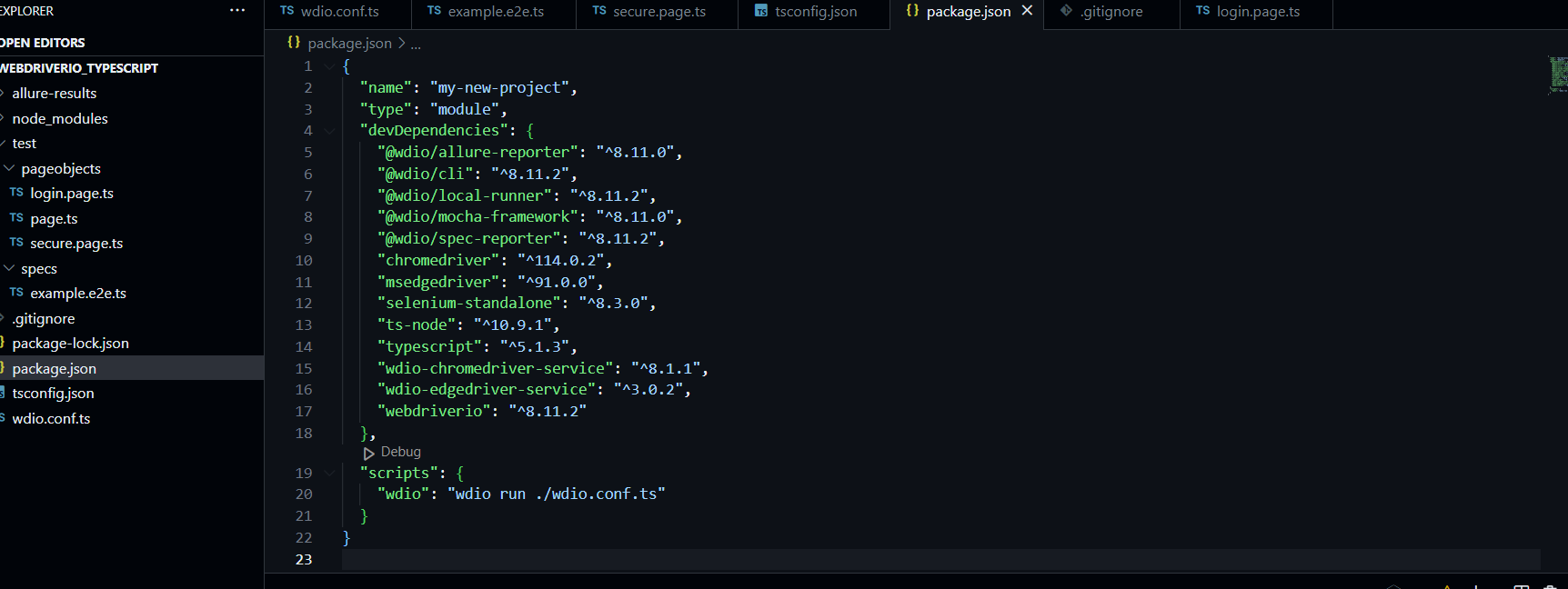
A screenshot of a computer

Description automatically generated with medium confidence

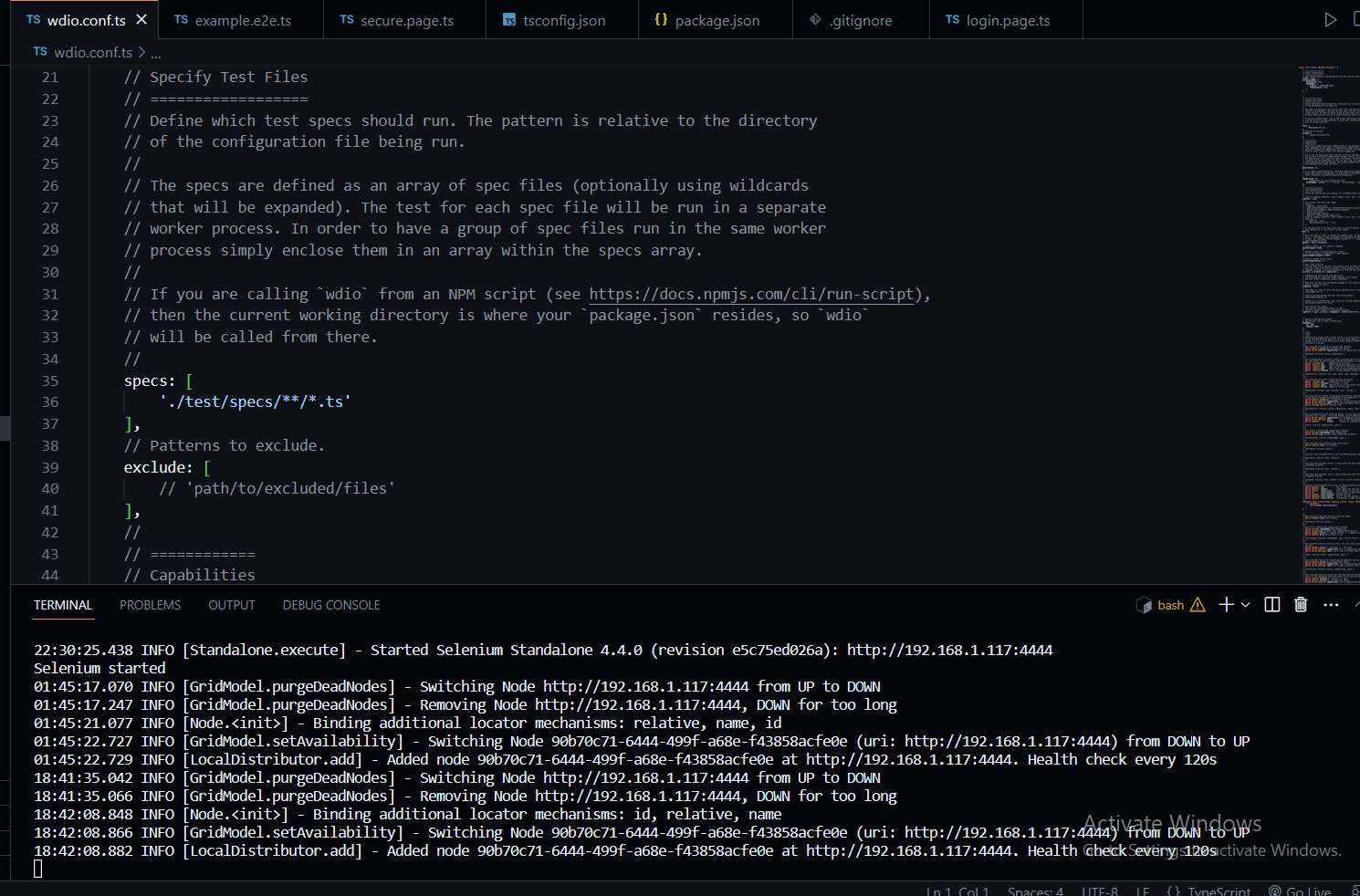
Add a .gitignore file – to mention two of the files which will be ignored   
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Package.json file – it will have all the dependencies and the scripts section will have the conf file – wdio which will get executed.



Open the wdio.conf.ts file it will have the spec file which needs to be executed



Explore tsconfig.json file – if it’s a typescript project

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