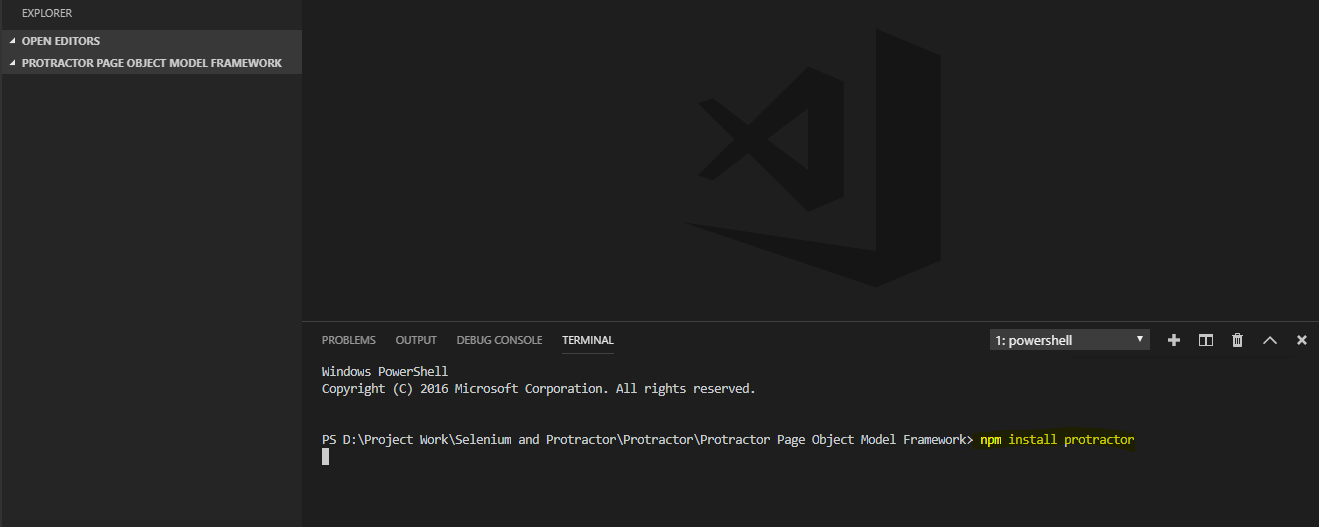
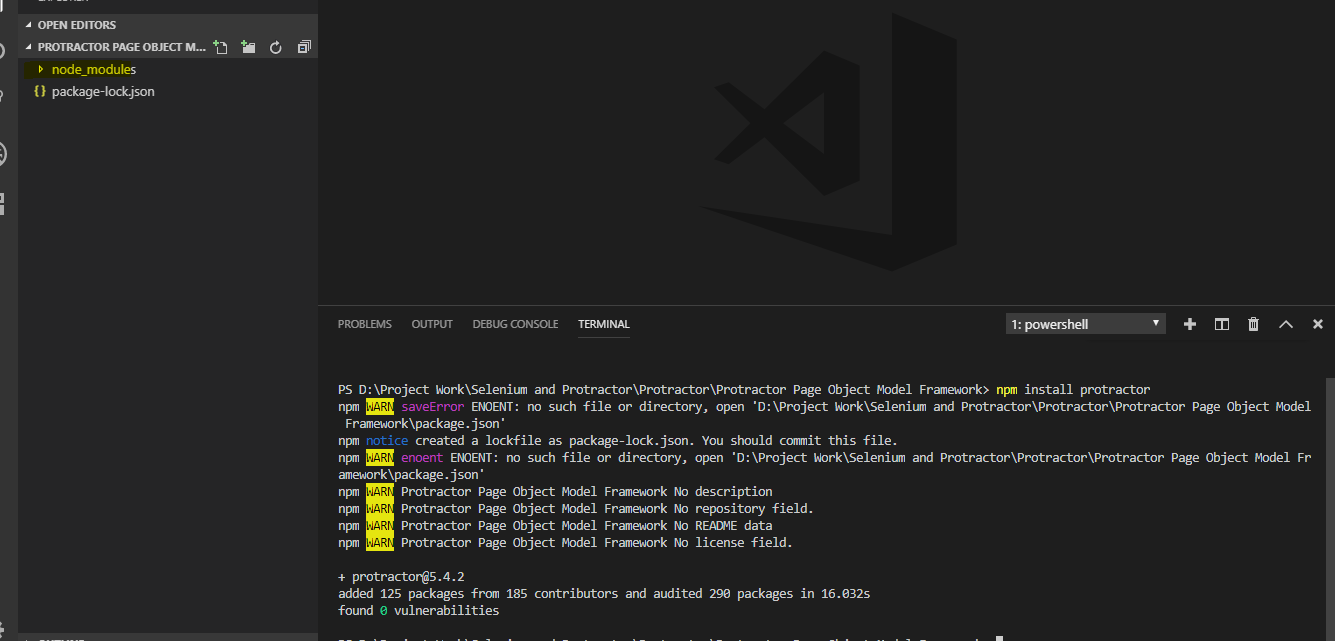
Step1 : Install node

Step2: Install visual studio code editor

Step3: Install protractor

$npm install protractor





Note: if following error is encountered then we also have to install protractor at global level by using the following command

$npm install -g protractor

Error: protractor : The term 'protractor' is not recognized as the name of a cmdlet, function, script file, or operable program

Step 4: Install jasmine

$npm install jasmine

Step 5: Install typescript

$npm install typescript

Step 6: Install jasmine types:

$npm install –save-dev @types/jasmine

Or

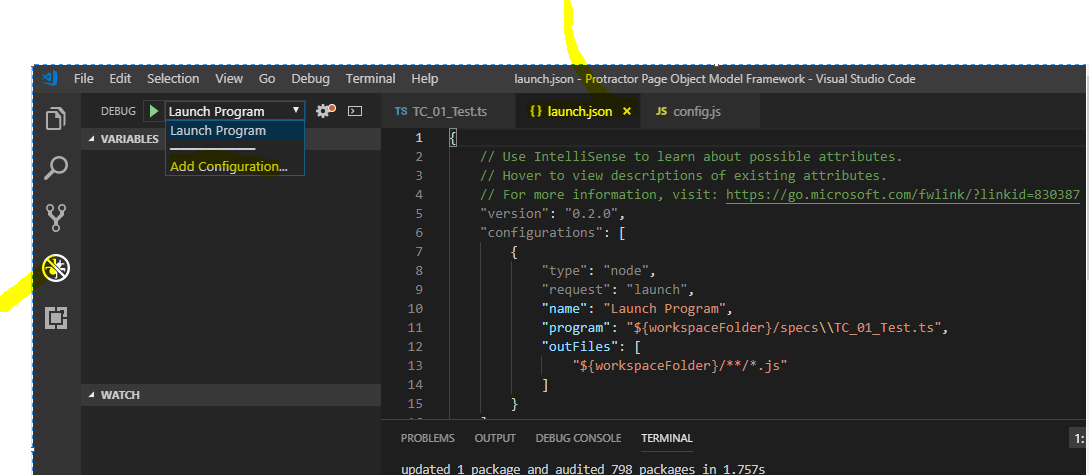
npm install --save @types/jasmine

Step 7: Create the script

Step 8: Create the set up launch:

Follow the following steps:

Click on Debug🡪 Select Add Configuration as follow



And put the following code in launch.json file

{

"version": "0.2.0",

"configurations": [

{

"type": "node",

"request": "launch",

"name": "Launch Program",

"program": "D:/Project Work/Selenium and Protractor/Protractor/Protractor Page Object Model Framework/node\_modules/protractor/bin/protractor",

"args": ["${workspaceRoot}/JSFilesLocation/conf.js"]

}

]

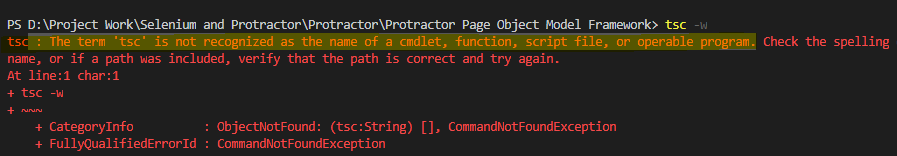
}

Step 11: Now issue the following command to automatically convert the .ts files into .js file because visual code does not understand .js , it understands only .ts files.

$ tsc –w

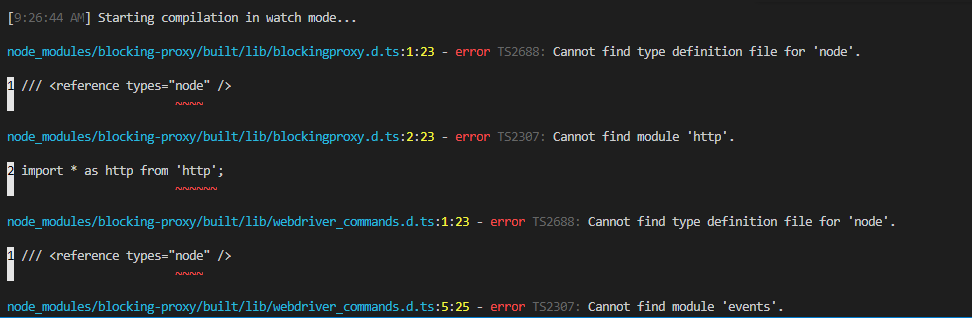
Note: if the following error occurred while executing the above command then install the type script at global level by using the following command

$ npm install –g typescript



But if again, the following errors while running the command (tsc –w) then install the following by using the following command. It solved my issues.

$ npm install @types/node --save



Step 11: Install jars and webdriver

$ webdriver-manager update