Pre requisites:

1.Install Node Js

2.Install VS code

3.Create project folder –open in vs code

Install Playwright using Terminal by using the below command

 npm init playwright@latest


```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\Rajalakashmi> npm init playwright@latest
Getting started with writing end-to-end tests with Playwright:
Initializing project in '.'
? Do you want to use TypeScript or JavaScript? ...
> TypeScript
  JavaScript
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\Rajalakashmi> npm init playwright@latest
Getting started with writing end-to-end tests with Playwright:
Initializing project in '.'
√ Do you want to use TypeScript or JavaScript? · JavaScript
√ Where to put your end-to-end tests? · tests
√ Add a GitHub Actions workflow? (y/N) · false
√ Install Playwright browsers (can be done manually via 'npx playwright install')? (Y/n) · true
Initializing NPM project (npm init -y)…
```

```
Installing Playwright Test (npm install --save-dev @playwright/test)…

added 3 packages, and audited 4 packages in 5s

found 0 vulnerabilities
Installing Types (npm install --save-dev @types/node)…

added 2 packages, and audited 6 packages in 2s

found 0 vulnerabilities
Writing playwright.config.js.
Writing tests\example.spec.js.
Writing tests-examples\demo-todo-app.spec.js.
Writing package.json.
Downloading browsers (npx playwright install)…
```

```
added 2 packages, and audited 6 packages in 2s

found 0 vulnerabilities
Writing playwright.config.js.
Writing tests\example.spec.js.
Writing tests-examples\demo-todo-app.spec.js.
Writing package.json.
Downloading browsers (npx playwright install)…
✓ Success! Created a Playwright Test project at C:\Users\Rajalakashmi

Inside that directory, you can run several commands:

  npx playwright test
    Runs the end-to-end tests.

  npx playwright test --ui
    Starts the interactive UI mode.

  npx playwright test --project=chromium
    Runs the tests only on Desktop Chrome.
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
    Runs the tests in a specific file.

  npx playwright test --debug
    Runs the tests in debug mode.

  npx playwright codegen
    Auto generate tests with Codegen.

We suggest that you begin by typing:

    npx playwright test

And check out the following files:
  - .\tests\example.spec.js - Example end-to-end test
  - .\tests-examples\demo-todo-app.spec.js - Demo Todo App end-to-end tests
  - .\playwright.config.js - Playwright Test configuration

Visit https://playwright.dev/docs/intro for more information. ✦

Happy hacking! 🎭
PS C:\Users\Rajalakashmi> |
```
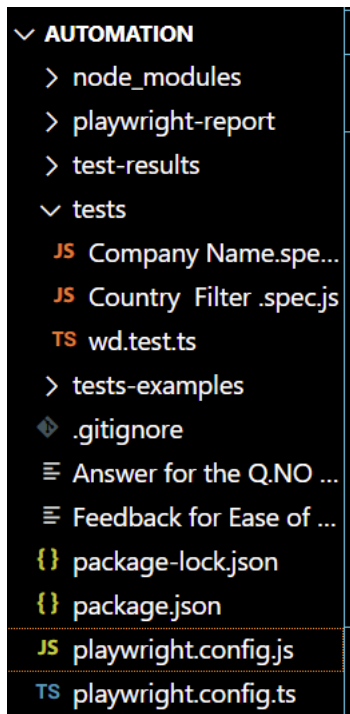
Once playwright is Installed

Package.json – node project management file will be created

Playwright.config.js –playwright configuration will be created

Tests -we can call the playwright tests

```
∨ AUTOMATION
  > node_modules
  > playwright-report
  > test-results
  ∨ tests
     JS Company Name.spe...
     JS Country  Filter .spec.js
     TS wd.test.ts
  > tests-examples
  ◇ .gitignore
  ≣ Answer for the Q.NO ...
  ≣ Feedback for Ease of ...
  {} package-lock.json
  {} package.json
  JS playwright.config.js
  TS playwright.config.ts
```

npm playwright -v –return installed version pf playwright

How to run the playwright test using the below command in the in- built Playwright Terminal

npx playwright test

npx playwright test –headed // in headed mode

npx playwright test Company Name.spec.js –project=chromium –headed

npx playwright test --project=chromium   //specific browser and also to run in debug mode

npx playwright test –debug

npx playwright test –ui

npx playwright show //report