

Download node js.

Download visual studio code.

Check node version-

```
C:\Users\91990>node --version
v18.16.1
C:\Users\91990>
```

Npm version check-

```
C:\Users\91990>npm --version
9.5.1
C:\Users\91990>
```

Official website-

[Fast and reliable end-to-end testing for modern web apps | Playwright](https://playwright.dev/)

Open folder in vs code and install playwright-

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS PLAYWRIGHT
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npm init playwright@latest
> npx
```

Select typescript and proceed ahead.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  PLAYWRIGHT

PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npm init playwright@latest

> npx
> create-playwright

Getting started with writing end-to-end tests with Playwright:
Initializing project in '.'
✓ Do you want to use TypeScript or JavaScript? · TypeScript
✓ Where to put your end-to-end tests? · tests
✓ Add a GitHub Actions workflow? (y/N) · true
✓ Install Playwright browsers (can be done manually via 'npx playwright install')? (Y/n) · true
Initializing NPM project (npm init -y)...
Wrote to C:\Users\karan\Desktop\playwrighttypescriptbynaveen\package.json:
{
  "name": "playwright",
  "version": "1.29.0",
  "description": "A library for automating web browsers.",
  "main": "index.js",
  "scripts": {
    "test": "npx playwright test"
  },
  "keywords": [
    "playwright",
    "automation",
    "testing",
    "end-to-end",
    "e2e",
    "browser",
    "chromium",
    "firefox",
    "webkit"
  ],
  "author": "Microsoft Corporation",
  "license": "MIT",
  "repository": {
    "type": "git",
    "url": "https://github.com/microsoft/playwright"
  },
  "bugs": {
    "url": "https://github.com/microsoft/playwright/issues"
  },
  "homepage": "https://playwright.dev",
  "devDependencies": {
    "typescript": "^5.0.4"
  },
  "dependencies": {
    "playwright-core": "1.29.0"
  }
}
```

To run all test-

```
npm notice
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npx playwright test
```

To see report-

```
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npx playwright show-report
```

To run in headed-

```
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen>
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npx playwright test --headed
```

Run on chrome headed mode-

```
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen>
PS C:\Users\karan\Desktop\playwrighttypescriptbynaveen> npx playwright test --headed --project=chromium
```

Changed test directory in config file-

It will pick all test from tests-example folder.

```
14 export default defineConfig({
15   testDir: './tests-examples',
16   /* Run tests in files in paral
```

```
npx playwright show-report
```

```
PS C:\Users\karan\Desktop\playwrighttypescript\naveen> npx playwright test --headed
```