



# Prerequisites - Getting started with Cypress

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## Introduction

- Please follow this document and complete all the listed activities to get you prepared for the cypress workshop.

## Software Installation



Please download and install your OS-specific files.

- **Node.js** → <https://nodejs.org/en/download/>
  - Type `npm -version` to check the successful installation
- **Git** → <https://git-scm.com/downloads>
  - Type `git --version` to check the successful installation
- **Visual Studio Code** → <https://code.visualstudio.com/download>
  - Please feel free to use the editor of your choice if you have any preference 😊

## Clone Git Repository

- **Cypress Template Repo**
  - Navigate to <https://github.com/kunalashar25/cypress-worqference>
    - This is a project template.
    - We will be using this repository for this workshop.
    - Please clone this repository on your local system
  - Open your terminal and type the following command
    - `git clone https://github.com/kunalashar25/cypress-worqference.git`
- **Trello app Repo**
  - Run following code from your terminal
    - `git clone https://github.com/filiphric/trelloapp.git`
    - `npm install`

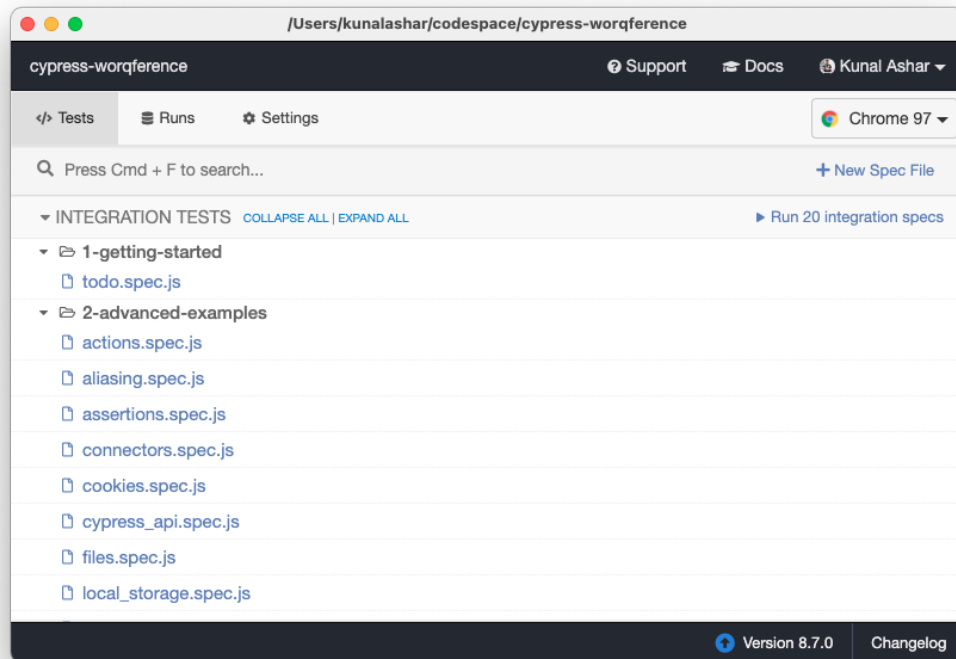
## Perform Test Run

- Navigate to the **Cypress Template** Project folder from your terminal
- Run following commands:
  - `npm install` → to install all project dependencies mentioned in the **package.json** file.

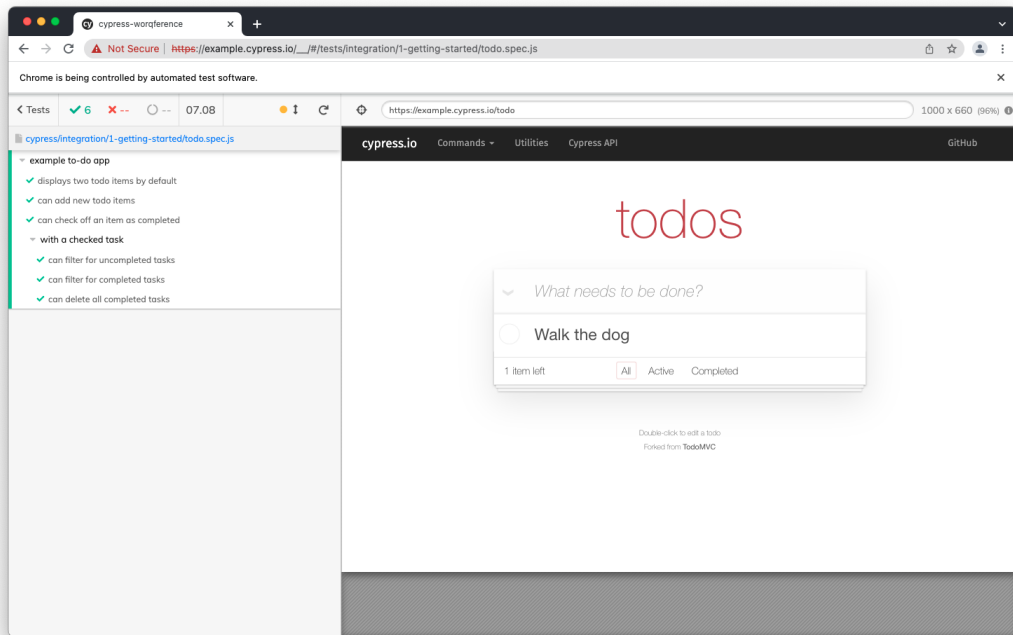


This step will take some time as it is dependent on your network bandwidth.

- `npm run test` → to initiate test execution and open cypress test runner



- Click on `todo.spec.js` link
  - A Chrome browser window will open and perform test execution.
  - After execution, you should be able to see all test with pass ✓



**Congratulation!!** You have completed your setup 🙌

## Background Knowledge

### Must -Have

- Basic understanding of javascript or typescript language
- If you're new to this world, please check the following repositories
  - <https://github.com/kunalashar25/learn-javascript>
  - <https://github.com/kunalashar25/learn-typescript>

### Good to have

- Basic overview of cypress
  - Can 📖 <https://docs.cypress.io/guides/overview/why-cypress>
- Some automation experience in any language using any library

- Understanding of web elements and how to locate them using CSS selectors
  - Can 📖 <https://www.mytestingtrail.com/how-to-write-css-selectors/>
- API Understanding
  - Can ▶ <https://www.youtube.com/watch?v=s7wmiS2mSXY>