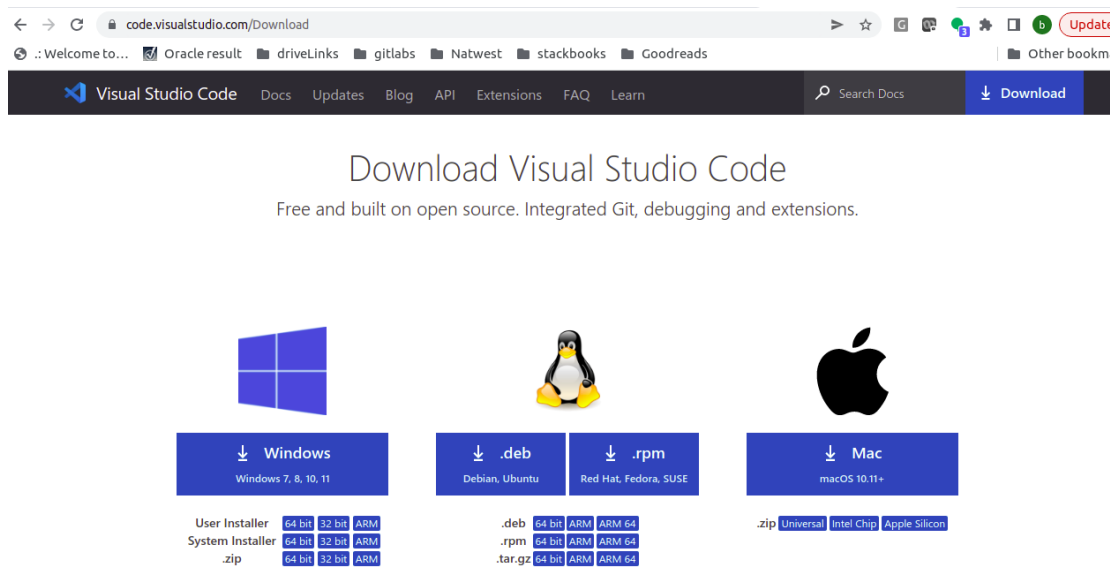


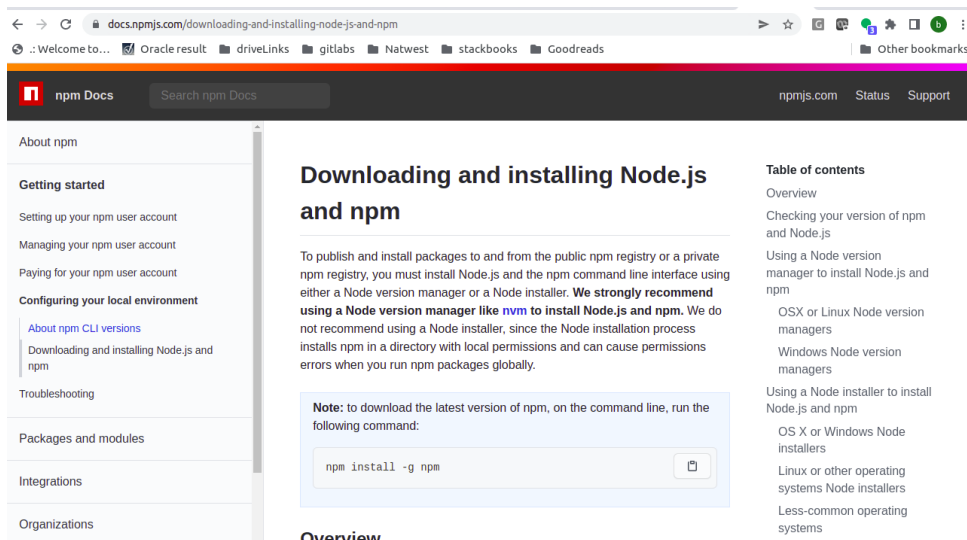
Programming Assignment Submission Instructions

Pre-requisites for starting these assignments:

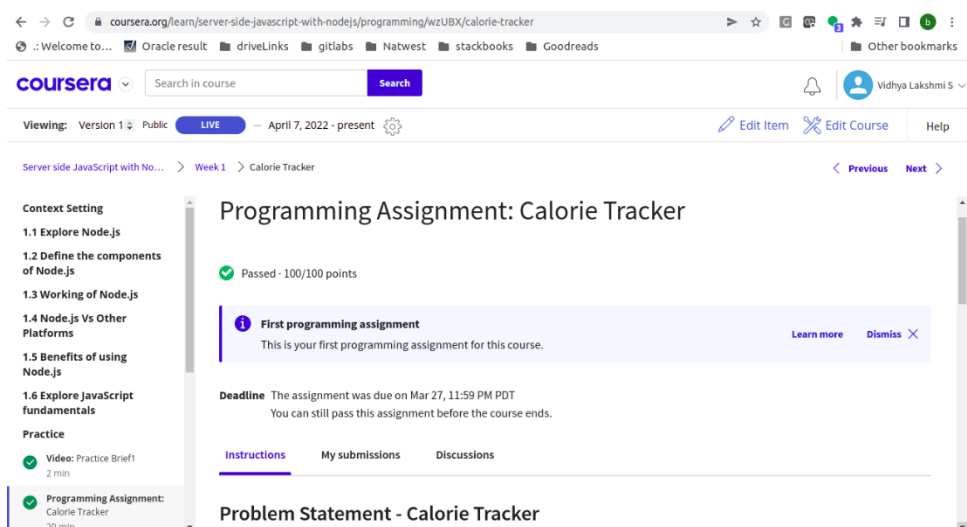
1. A Visual Studio Code (VS Code) editor is required to develop a solution code. To do this, download and install the VS Code locally, based on your operating system by clicking on the [Visual Studio Link](#).



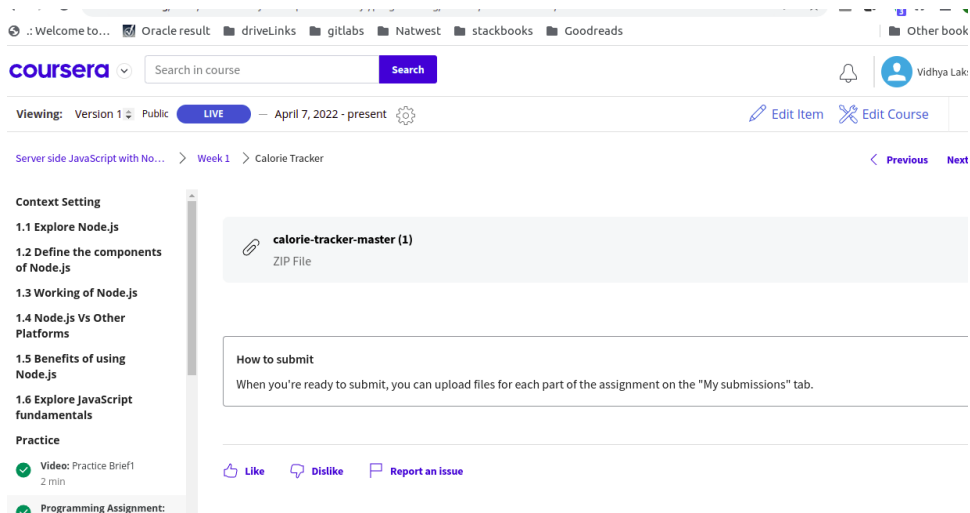
2. Download and install Node.js and npm on your system. Click on the [Node.js link](#) to download it.



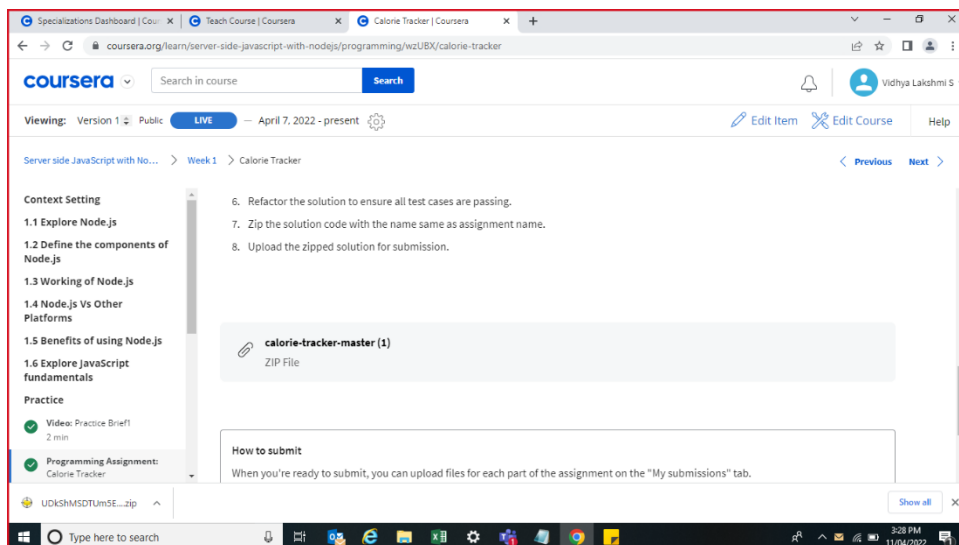
3. Refer to the given steps to download the boilerplate code and upload the solution. The instructions are specific to the “Calorie Tracker” programming assignment. Similar steps can be followed for the rest of the programming assignments.



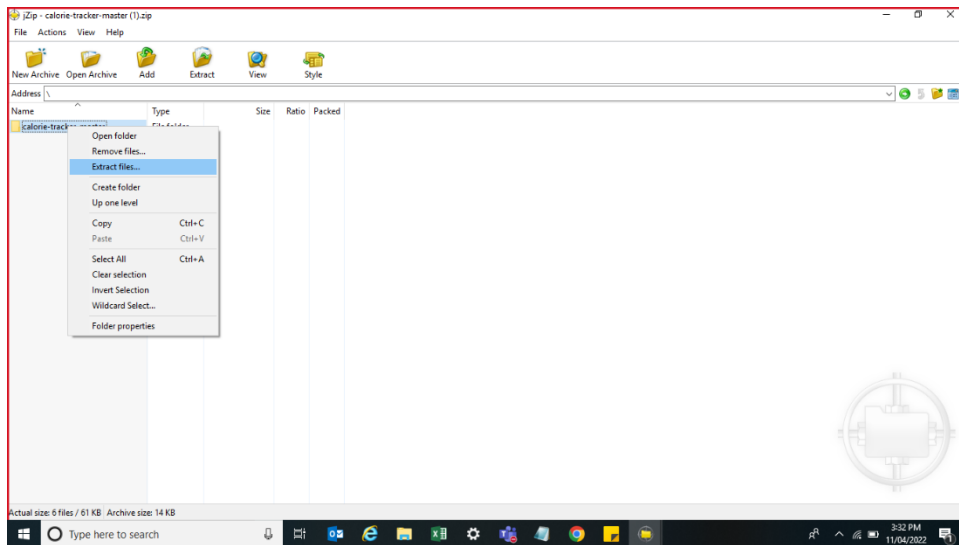
1. Go to the programming assignment: Calorie Tracker.



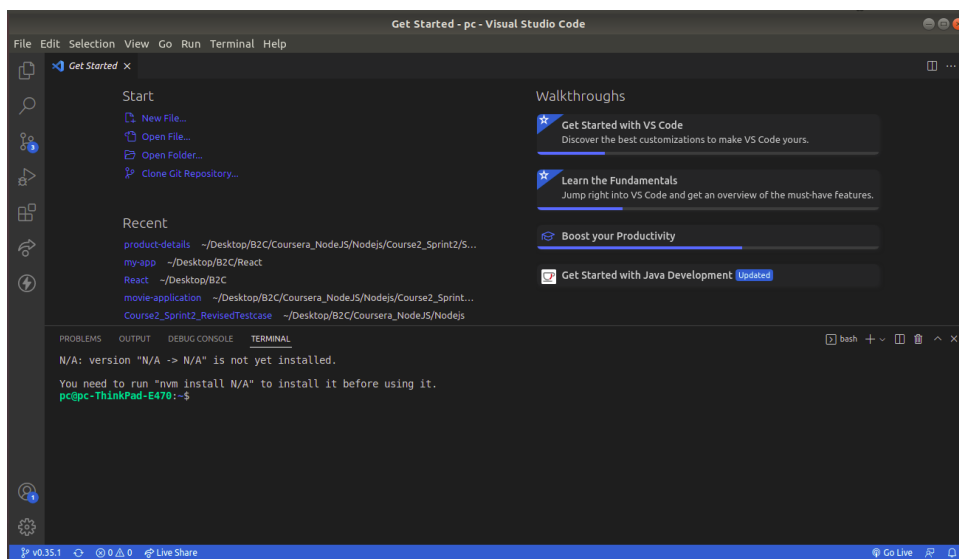
2. Click on the calorie-tracker-master link.



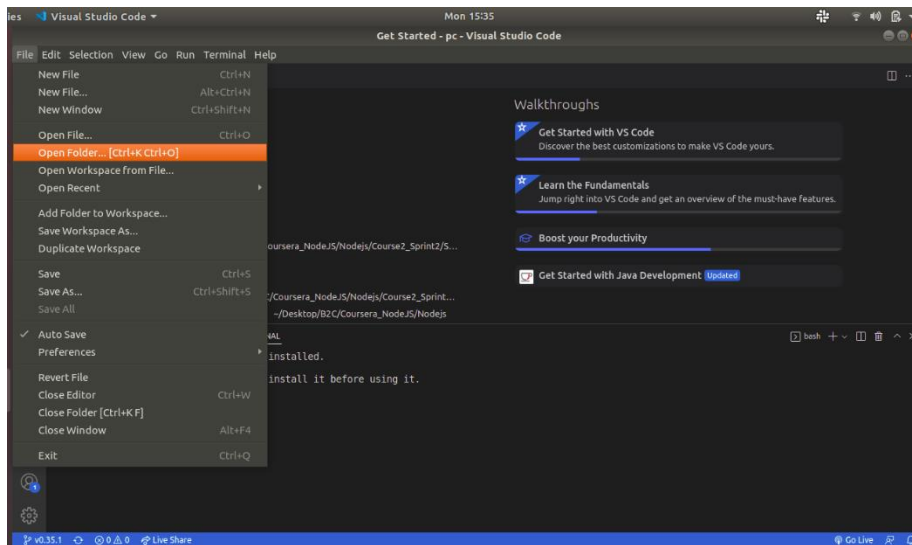
4. Go to the downloads folder -> Right click on the downloaded zip file -> select the “Extract here” option, to extract the zipped contents. A folder with the extracted contents gets created.



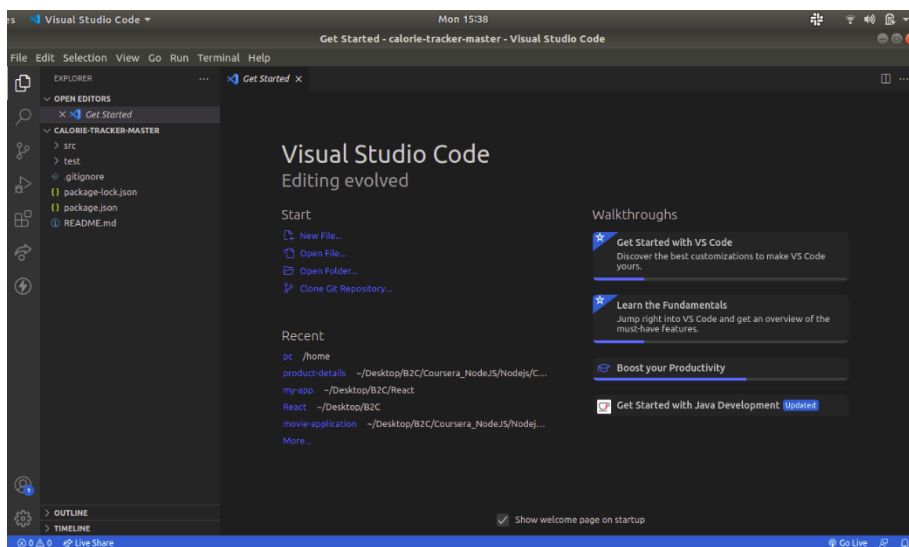
5. Open the VS Code editor to develop the solution.



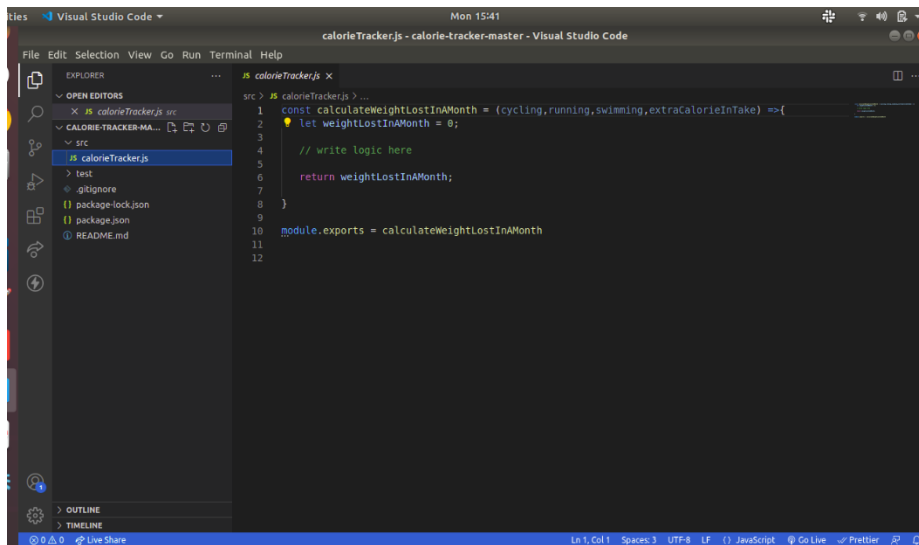
6. Click on the Open folder menu item inside the File menu to open the extracted boilerplate code.



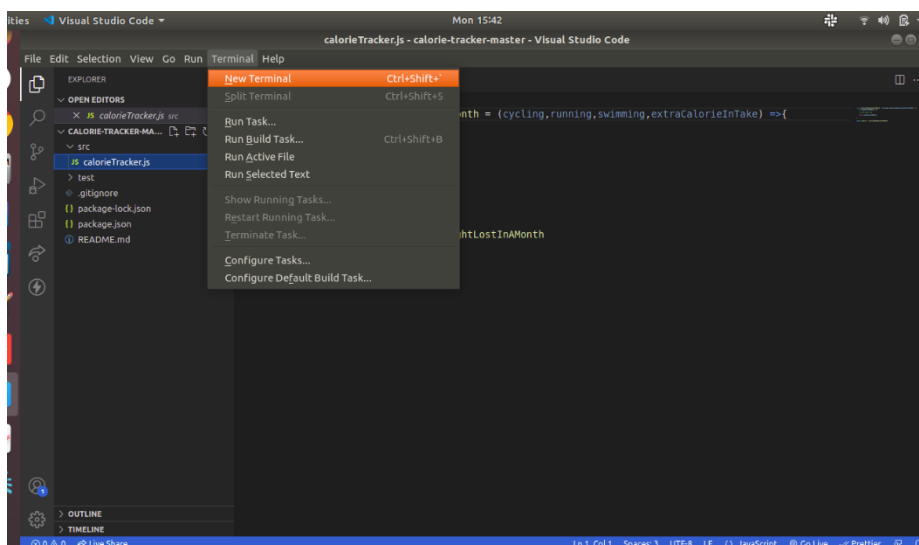
7. Select the “Calorie-Tracker” folder from the file explore.



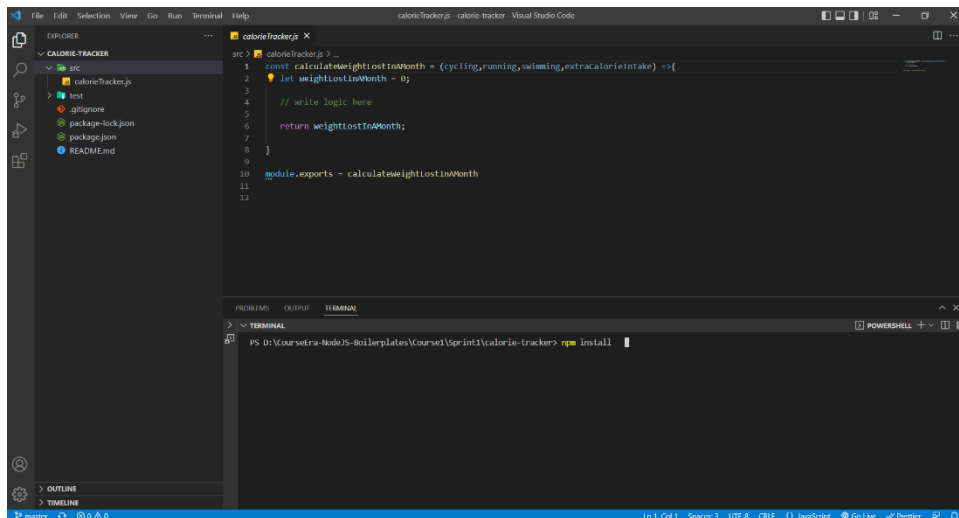
8. Open the src folder. In this folder, you will find the calorieTracker.js file to add the solution code.



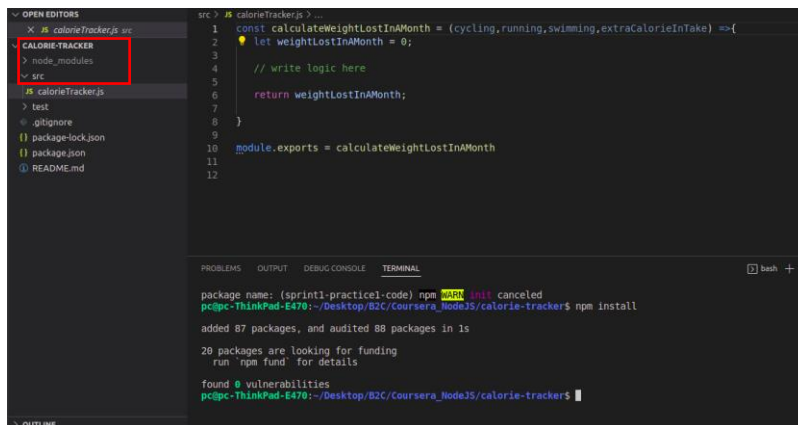
9. Click on “Terminal” on the Menu bar to open the “New Terminal”. Run the commands to test the solution code.



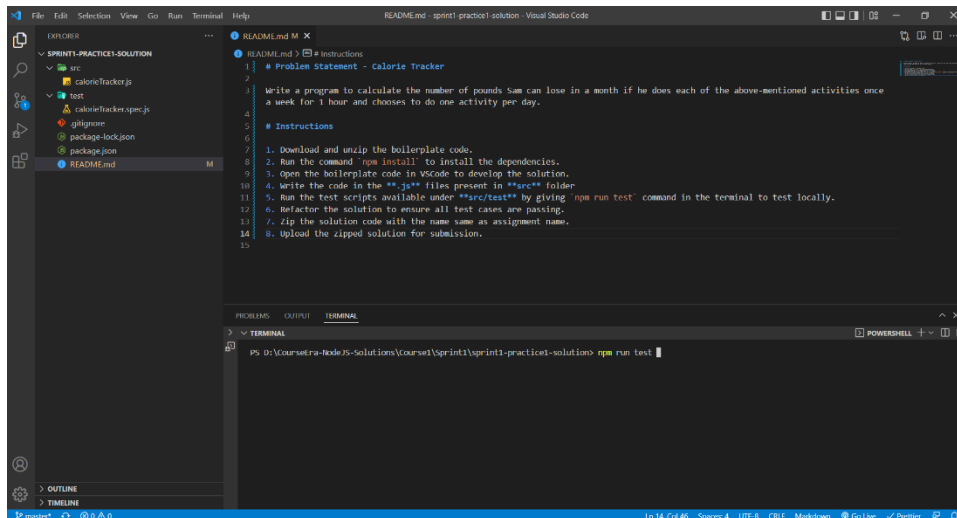
10. Type the command “npm install” in the Terminal and press enter.



11. Once the installation completes, a folder with the name “node_modules” gets added as highlighted below. This installation is required for running the test Command.



12. Type the command “npm run test” in the Terminal to execute the test cases.

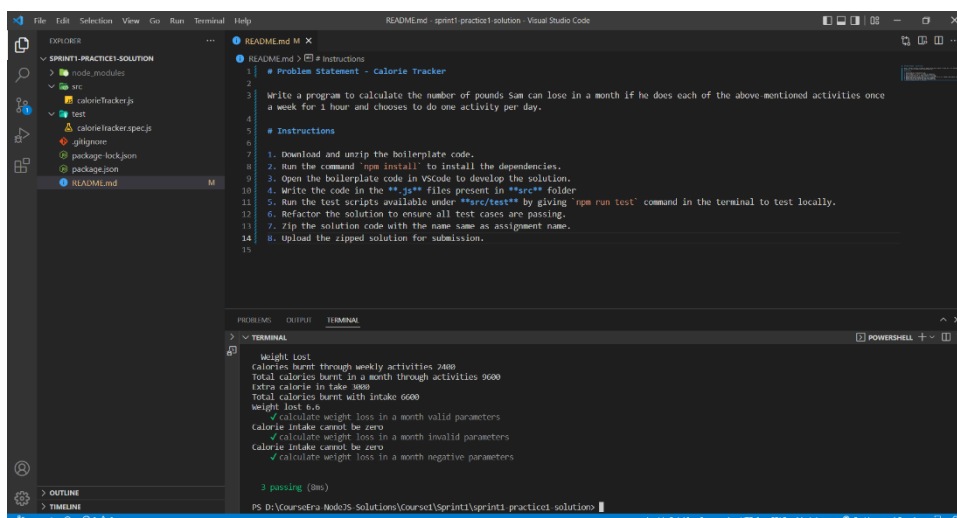


The screenshot shows the Visual Studio Code interface. The Explorer pane on the left displays the project structure for 'SPRINT1-PRACTICE1-SOLUTION', including folders like 'src' and 'test', and files like 'calorieTracker.js', 'calorieTracker.spec.js', 'gitignore', 'package-lock.json', and 'package.json'. The main editor area shows the 'README.md' file with the following content:

```
1 # Instructions
2
3 Write a program to calculate the number of pounds Sam can lose in a month if he does each of the above-mentioned activities once
4 a week for 1 hour and chooses to do one activity per day.
5
6 # Instructions
7
8 1. Download and unzip the boilerplate code.
9 2. Run the command 'npm install' to install the dependencies.
10 3. Open the boilerplate code in VSCode to develop the solution.
11 4. Write the code in the '**.js**' files present in '**src**' folder.
12 5. Run the test scripts available under '**src/test**' by giving 'npm run test' command in the terminal to test locally.
13 6. Refactor the solution to ensure all test cases are passing.
14 7. Zip the solution code with the name same as assignment name.
15 8. Upload the zipped solution for submission.
```

The terminal at the bottom shows the command `PS D:\CourseEra NodeJS Solutions\Course1\Sprint1\sprint1-practice1-solution> npm run test` entered.

13. After the execution of the Test command completes, the test results become visible on the Terminal.



The screenshot shows the same Visual Studio Code interface as before, but the terminal now displays the output of the test command:

```
Weight Lost
Calories burnt through weekly activities 2400
Total calories burnt in a month through activities 9600
Extra calorie in take 1800
Total calories burnt with intake 6000
Weight lost 6.5
✓ calculate weight loss in a month valid parameters
Calorie intake cannot be zero
✓ calculate weight loss in a month invalid parameters
Calorie intake cannot be zero
✓ calculate weight loss in a month negative parameters

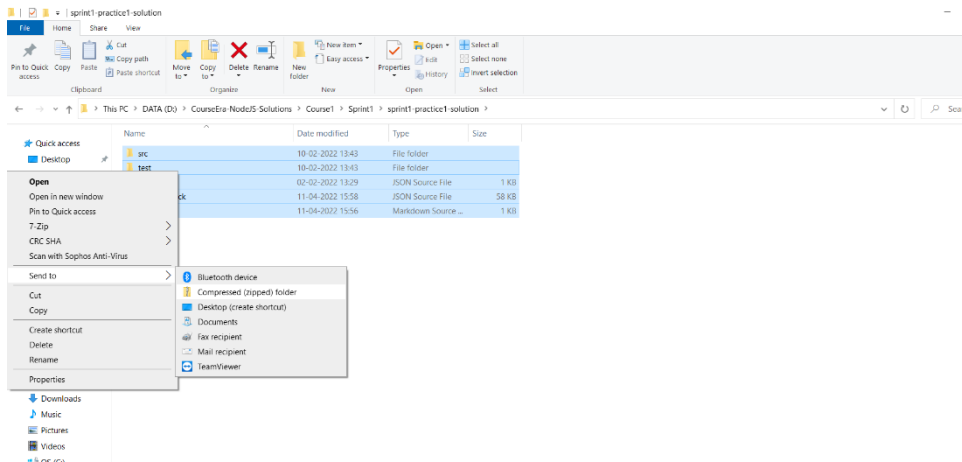
3 passing (8ms)
```

The terminal prompt now shows `PS D:\CourseEra NodeJS Solutions\Course1\Sprint1\sprint1-practice1-solution>`.

14. Zip the solution code to submit the solution.

To zip the solution code, go to File Explorer. Select all the folders and files (**excluding the node_modules folder**) inside the “Calorie-Tracker” Folder.

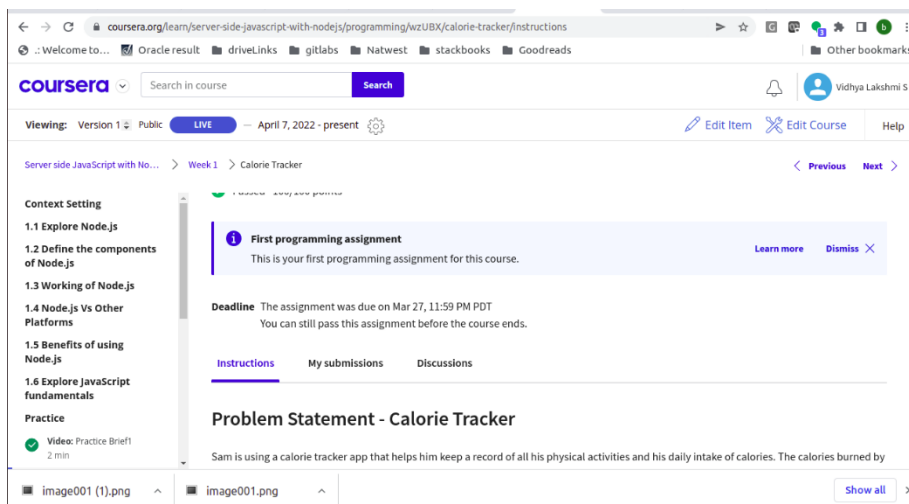
Right click on the selected contents and select the option to compress and create the zip file.



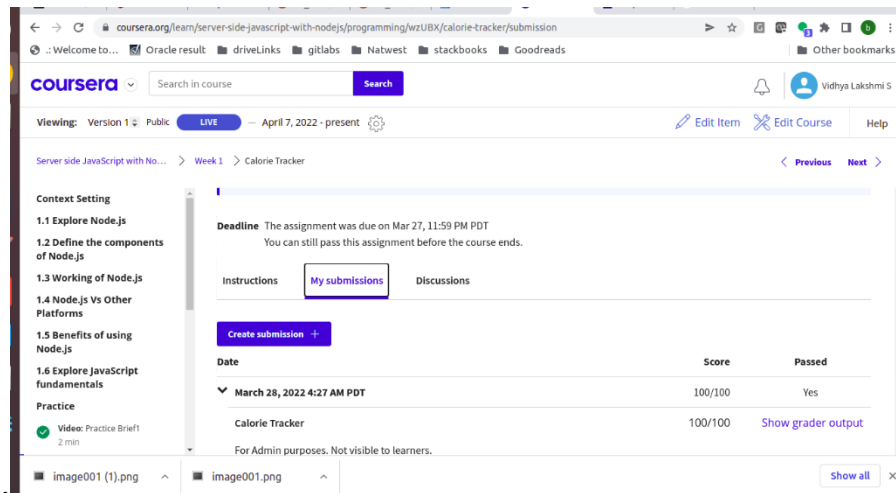
Name the zip file as “Calorie-Tracker”.

Note: It is recommended to give the same name to the zip file as the programming assignment.

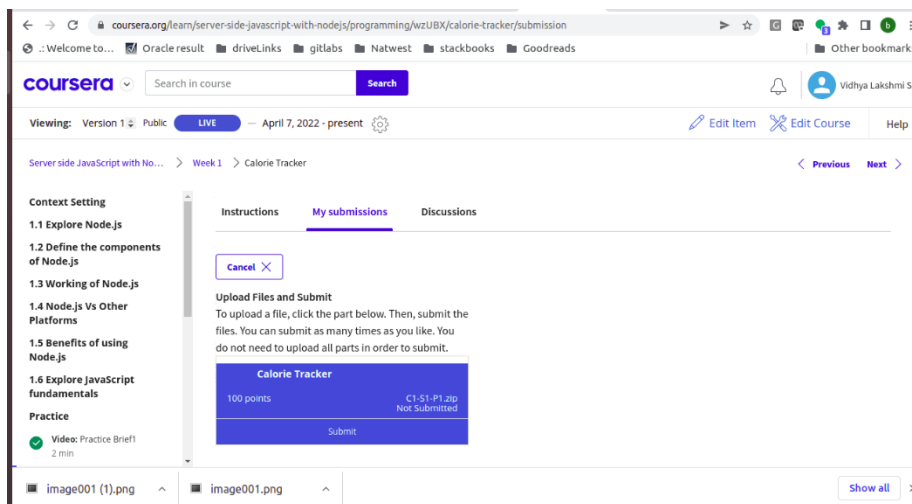
15. To upload the zipped solution, go to the “Programming Assignment” page on the Coursera website.



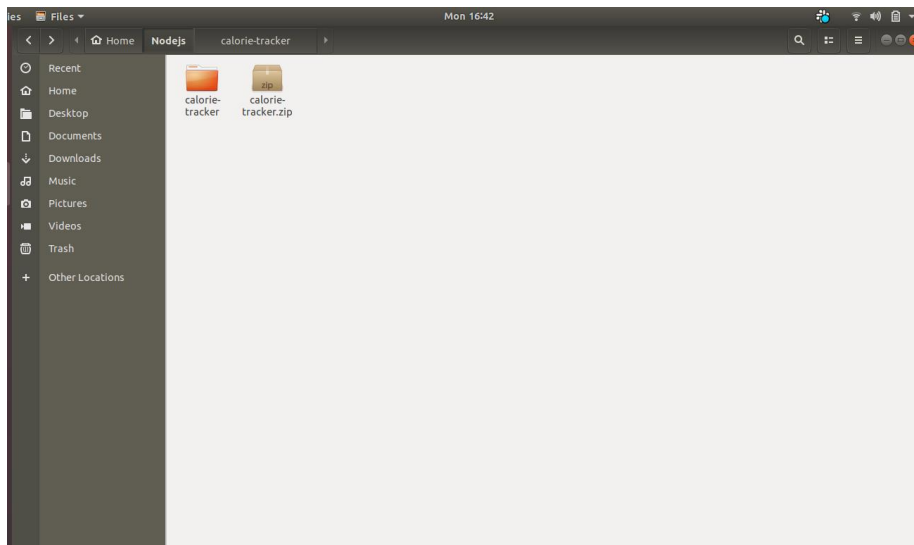
16. Go to the “My Submissions” tab and click the create submission button.



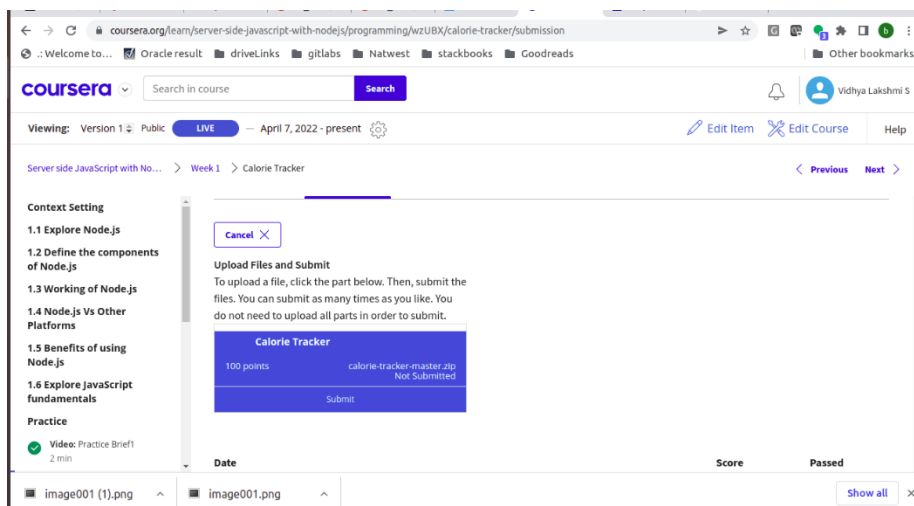
17. Upload and submit the solution file.



18. Select the “calorie-tracker.zip” solution file to upload.



19. Press the “Submit” button after uploading.



20. Wait for the grader to generate the results. The grader will display the score and pass the status.

The screenshot shows the Coursera submission page for the 'Calorie Tracker' assignment. The page includes a sidebar with course navigation, a submission history table, and a 'Create submission' button. The submission history table has the following data:

Date	Score	Passed
April 11, 2022 3:47 AM PDT	0/100	No
March 28, 2022 4:27 AM PDT	100/100	Yes

Below the table are buttons for 'Like', 'Dislike', and 'Report an issue'. The bottom of the page shows a file upload area with 'image001 (1).png' and a 'Show all' button.

21. Go to the “My Submissions” tab to resubmit the solution and upgrade your score if required.

The screenshot shows the 'Upload Files and Submit' section of the Coursera submission page. It includes instructions on how to upload files and submit the assignment. Below the instructions is a 'Calorie Tracker' submission box with the following details:

Date	Score	Passed
April 11, 2022 4:08 AM PDT	0/100	No

The submission box also shows '100 points' and 'calorie-tracker.zip Not Submitted'. A 'Submit' button is visible below the box. The bottom of the page shows a file upload area with 'image001 (1).png' and a 'Show all' button.