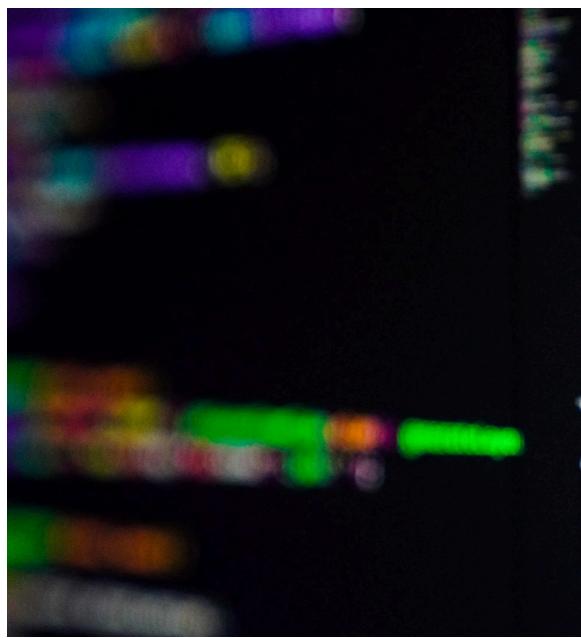


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```
5 let empty = () =>
6   Promise.resolve()
7
8 function transform(promise) {
9   // Promise.resolve is guaranteed to return a value
10  return promise.then(empty)
11}
12
13 function removeHeader(prev) {
14  return prev.then(() => {
15    const children = prev.value
16    if (children.length > 1) {
17      const header = children[0]
18      const children = children.slice(1)
19      return [header].concat(children)
20    }
21    return []
22  })
23}
```

Week 1

How to setup the assignments repo locally and run the test cases?

Steps

1. Check node is available in your machine using terminal!

node -v --> to check the node version





10.2.3

2. If it is already installed go to step 4. if not.step 3

3. install nodejs from [download nodejs](#) and setup it.refer youtube video if required.

4. install the vs code and complete the setup .

5. install and setup the git locally.refer youtube video.

6. Go to [assignments repo](#) and copy the link.or download the .zip file and open it.

1. open the terminal and use the command

```
git clone githuburl
```

```
[praveenkumars@PRAVEENKUMARS-MacBook-Pro assignments % git clone https://github.com/100xdevs-cohort-2/assignments]
```

8 . do the following commands the file will open in the vs code or manually open it.



01-js week-1

```
[praveenkumars@PRAVEENKUMARs-MacBook-Pro assignments % cd 01-js
praveenkumars@PRAVEENKUMARs-MacBook-Pro 01-js % code .]
```

9 .Now vs code will be open 01-js file.Go to easy folder choose any problem .I choose anagram.js and solve it.

The screenshot shows the VS Code interface. The left side displays the code for 'anagram.js' in a dark-themed editor. The code defines a function 'isAnagram' that takes two strings and returns true if they are anagrams. The right side shows the 'EXPLORER' sidebar with the '01-JS' folder expanded, revealing subfolders 'easy', 'hard', and 'medium', and files like 'anagram.js', 'expenditure-analysis.js', and 'findLargestElement.js'. The status bar at the bottom indicates the file is at line 16, column 1, with 2 spaces, and is a JavaScript file.

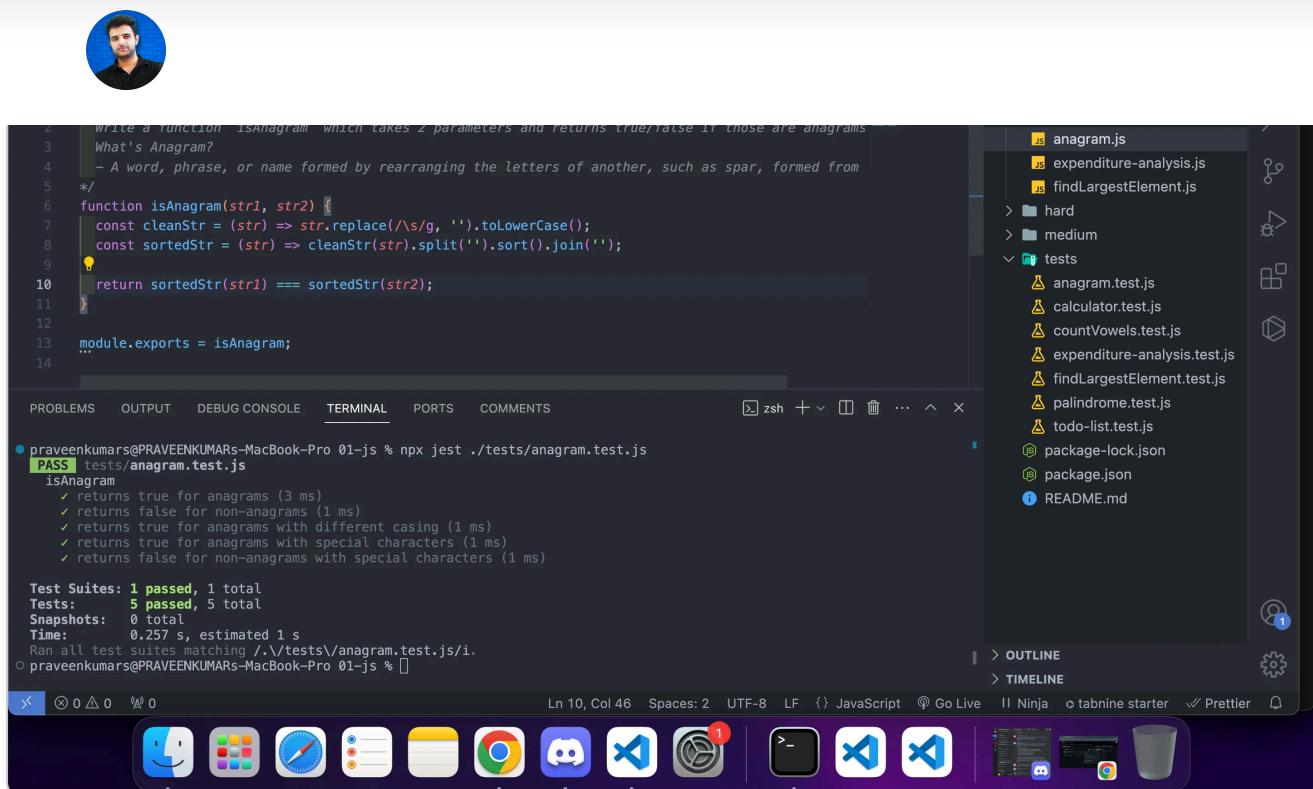
```

js anagram.js ✘
easy > js anagram.js > ...
1  /*
2   * Write a function 'isAnagram' which takes 2 parameters and returns true/false
3   * What's Anagram?
4   * - A word, phrase, or name formed by rearranging the letters of another, suc
5   */
6
7   function isAnagram(str1, str2) {
8     const cleanStr = (str) => str.replace(/\s/g, '').toLowerCase();
9     const sortedStr = (str) => cleanStr(str).split('').sort().join('');
10
11    return sortedStr(str1) === sortedStr(str2);
12  }
13
14
15
16  module.exports = isAnagram;
17
18

```

1. For running the test for particular problem.Open the terminal use the following command with your file name.

```
npx jest ./tests/anagram.test.js
```



The screenshot shows a VS Code interface with a terminal window open. The terminal output is as follows:

```

● praveenkumars@PRAVEENKUMARS-MacBook-Pro 01-js % npx jest ./tests/anagram.test.js
PASS | tests/anagram.test.js
  isAnagram
    ✓ returns true for anagrams (3 ms)
    ✓ returns false for non-anagrams (1 ms)
    ✓ returns true for anagrams with different casing (1 ms)
    ✓ returns true for anagrams with special characters (1 ms)
    ✓ returns false for non-anagrams with special characters (1 ms)

Test Suites: 1 passed, 1 total
Tests:       5 passed, 5 total
Snapshots:   0 total
Time:        0.257 s, estimated 1 s
Ran all test suites matching ./tests\anagram.test.js/i.
○ praveenkumars@PRAVEENKUMARS-MacBook-Pro 01-js %

```

The file tree on the right shows a directory structure with files like anagram.js, expenditure-analysis.js, findLargestElement.js, and various test files under tests.

- For running all the test case use the following command

```
npx jest ./tests/
```

SUCCESSFULLY COMPLETED

*Note

To run the test case should be in correct directory for this week it is 01-js

19 IF ERROR OCCURS

RUN THE FOLLOWING COMMANDS
[Most upvotes](#) [All comments](#)

```
npm i -g
npm i npm -g
```



```
PS C:\Coding\Harkirat cohort\assignments-master\01-js> npx jest .\tests\anagram.test.js
npm ERR! code ENOENT
npm ERR! syscall lstat
npm ERR! path C:\Users\hp\AppData\Roaming\npm
npm ERR! errno -4058
npm ERR! enoent ENOENT: no such file or directory, lstat 'C:\Users\hp\AppData\Roaming\npm'
npm ERR! enoent This is related to npm not being able to find a file.
npm ERR! enoent

npm ERR! A complete log of this run can be found in: C:\Users\hp\AppData\Local\npm-cache\_logs\2024-02-25T20_19_09_612Z-debug-0.log
PS C:\Coding\Harkirat cohort\assignments-master\01-js>
```

Please help!!

↑ 15 ↓ 4 ← 9 Replies

A Anshul a year ago

@User run this command to install jest
npm install jest

↑ 5 ↓ 0 ← 0 Replies

A AAKASH GUPTA a year ago

```
async function time(){
  console.log("inside1")
  await setTimeout(function(){
    for(let i=0;i<100;i++){console.log(i);}
  },1000)
  console.log("inside2")
}
time();
for(let i=0;i<10;i++){console.log("a");}
```

This code is aivna followina outout





↑ 5 ↓ 1 ← 0 Replies

A **Abhay Raj** a year ago

i completed this today timestamp: 2/26/2024 1:17AM finally,got the good understanding o n async/await and promose

↑ 4 ↓ 1 ← 0 Replies

R **Ronald Wilson** 7 months ago

anyone know how to mark the done notes as completed, it is not happening in my UI even after multiple attempts??

↑ 3 ↓ 0 ← 1 Reply

S **Sharmistha Das** a year ago

@Joel Georgie
try creating a package.json file locally by running the command => npm init -y then run => npm install in assignments-master folder. Then change the directory and run the test tha t you solved. Should work.

↑ 2 ↓ 0 ← 0 Replies

M **Mohammed Azim** a year ago

day 9 super week 1 complete :) ... Thanks @Harkirat

↑ 1 ↓ 1 ← 0 Replies

L **Latha Chintada** a year ago

good explanation of promises and async, await

↑ 1 ↓ 1 ← 0 Replies

I **Irfan Yousuf I** a year ago

completed

↑ 1 ↓ 1 ← 0 Replies





Be careful while running npx jest : I gave \ instead of / while running tests file

↑ 0 ↓ 0 ← 0 Replies

m madhumitha 6 months ago

good

↑ 0 ↓ 1 ← 0 Replies

s Srikanth Sridharan 5 months ago

Done

↑ 0 ↓ 1 ← 0 Replies

s Supriyo Chakraborty 4 months ago

Thank you

↑ 0 ↓ 1 ← 0 Replies

A ANKIT SINHA 10 months ago

```
function isAnagram(str1, str2) {  
  const cleanStr = (str) => str.replace(/\s/g, ' ').toLowerCase();  
  const sortedStr = (str) => cleanStr(str).split(' ').sort().join(' ');\n  
  return sortedStr(str1) === sortedStr(str2);  
}
```

module.exports = isAnagram;

My terminal keeps saying Received: Undefined. please correct my code

↑ 0 ↓ 0 ← 1 Reply

J Joel Georgie a year ago

I am facing the following error while trying to run the tests. I see that some have faced similar issues and they have received replies for their comment , but it is not viewable.

PS C:\Users\joelv\Desktop\javascript\assignments\01-js> npx jest ./tests/anagram.test.js





npm ERR! enoent This is related to npm not being able to find a file.
npm ERR! enoent

npm ERR! A complete log of this run can be found in: C:\Users\joelv\AppData\Local\npm-cache_logs\2024-05-16T13_40_11_279Z-debug-0.log

0 0 1 Reply

M Md.MHR 8 months ago

test

0 1 0 Replies

E Ezra Akankwasa 7 months ago

Great

0 1 0 Replies

U User 2 months ago

an error call runnin a script is disables on this sys....

0 0 0 Replies

