

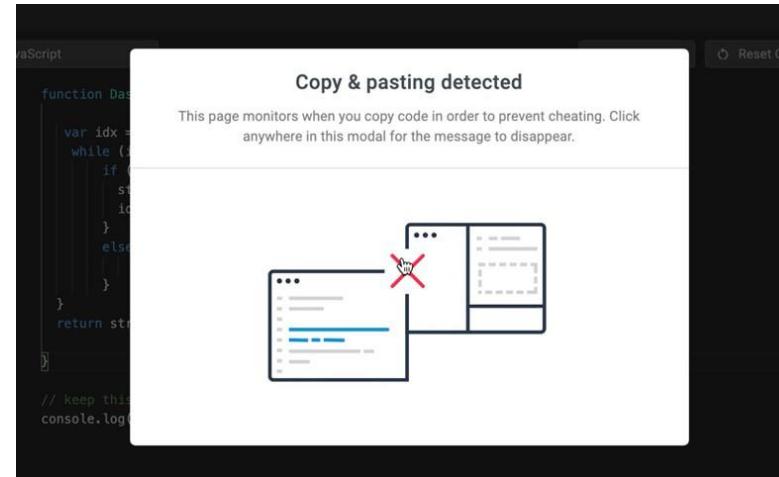
CoderByte Guideline for Candidate

FPT Software Academy



Before taking the Test

- CoderByte will **record your coding work as a video** during the test, so:
 - Only work on the CoderByte editor, do not use your personal IDE.
 - Avoid opening any other tabs or software applications (chat, email, etc...), the system will monitor and count the number of times.
 - Avoid copying and pasting code from any external sources (such as the internet or personal IDE...). The system will issue a warning and keep a record of any copy/paste actions.



Before taking the Test

- Review the question requirements carefully. You may need to modify the returned data type to match the required output.

coderbyte

easy Discussion ▾

Array Addition I

Have the function `ArrayAdditionI(arr)` take the array of numbers stored in `arr` and return the string `true` if any combination of numbers in the array (excluding the largest number) can be added up to equal the largest number in the array, otherwise return the string `false`. For example: if `arr` contains `[4, 6, 23, 10, 1, 3]` the output should return `true` because $4 + 6 + 10 + 3 = 23$. The array will not be empty, will not contain all the same elements, and may contain negative numbers.

Examples

Input: new int[] {5,7,16,1,2}	Output: false
Input: new int[] {3,5,-1,8,12}	Output: true

```
1 import java.util.*;
2 import java.io.*;
3
4 class Main {
5
6     public static int ArrayAdditionI(int[] arr) {
7         // code goes here
8         return arr[0];
9     }
10
11    public static void main (String[] args) {
12        // keep this function call here
13        Scanner s = new Scanner(System.in);
14        System.out.print(ArrayAdditionI(s.nextLine()));
15    }
16
17 }
```

After being invited

- After being invited, you will receive an email containing a link to the test.

The screenshot shows an email interface with the following details:

Assessment from FPT Software company Ltd

From: Coderbyte <do-not-reply@coderbyte.com>

To: Thao Nguyen Ngoc

Date: T3 26/12/2023 11:05 SA

Message content:

Hi,

You have been assigned some coding challenges to solve on FPT Software Academy. Click the link below to sign up and get started.

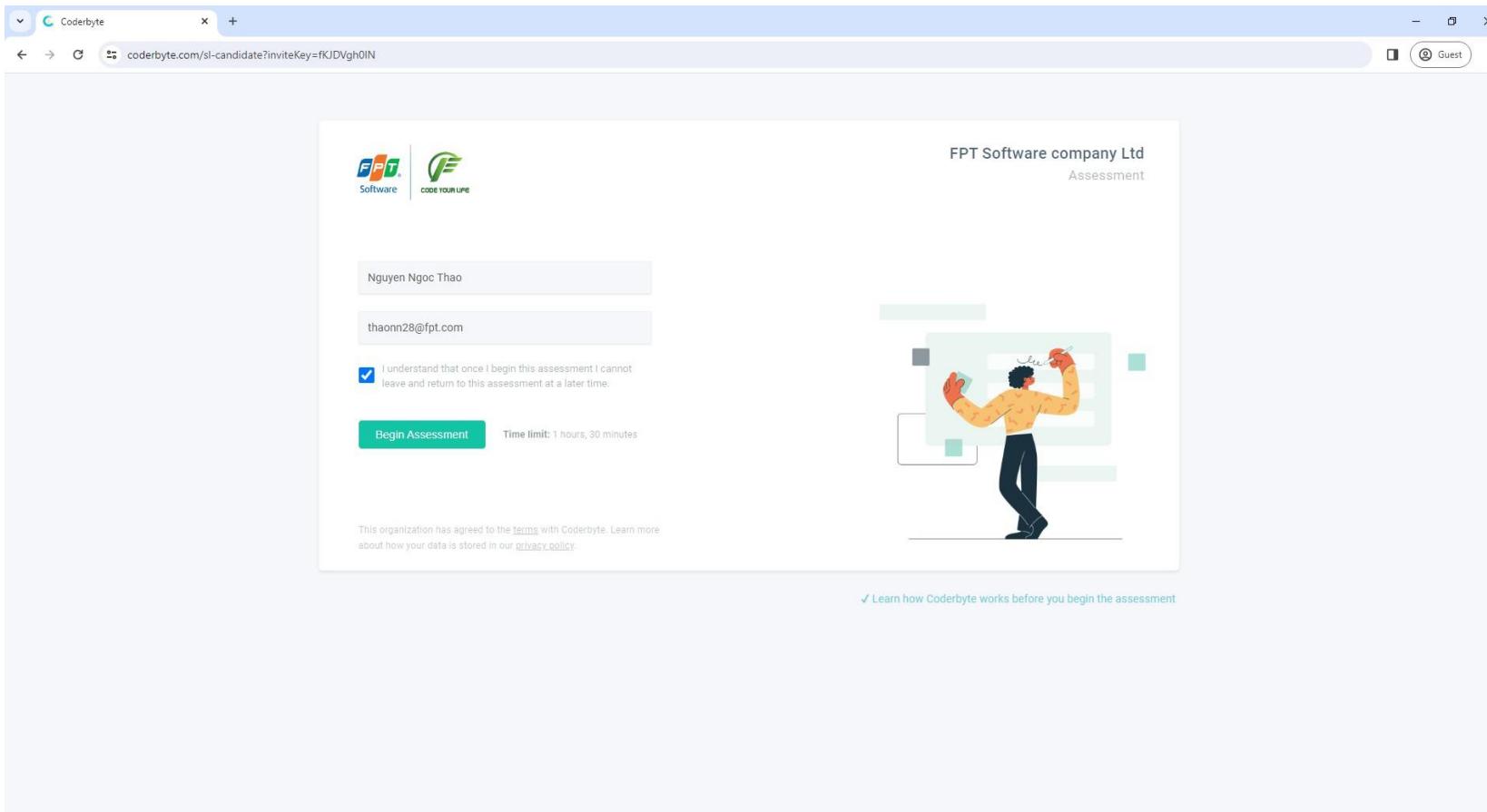
<https://coderbyte.com/sl-candidate?inviteKey=fKJDVgh0IN>

Buttons at the bottom:

Trả lời Chuyển tiếp

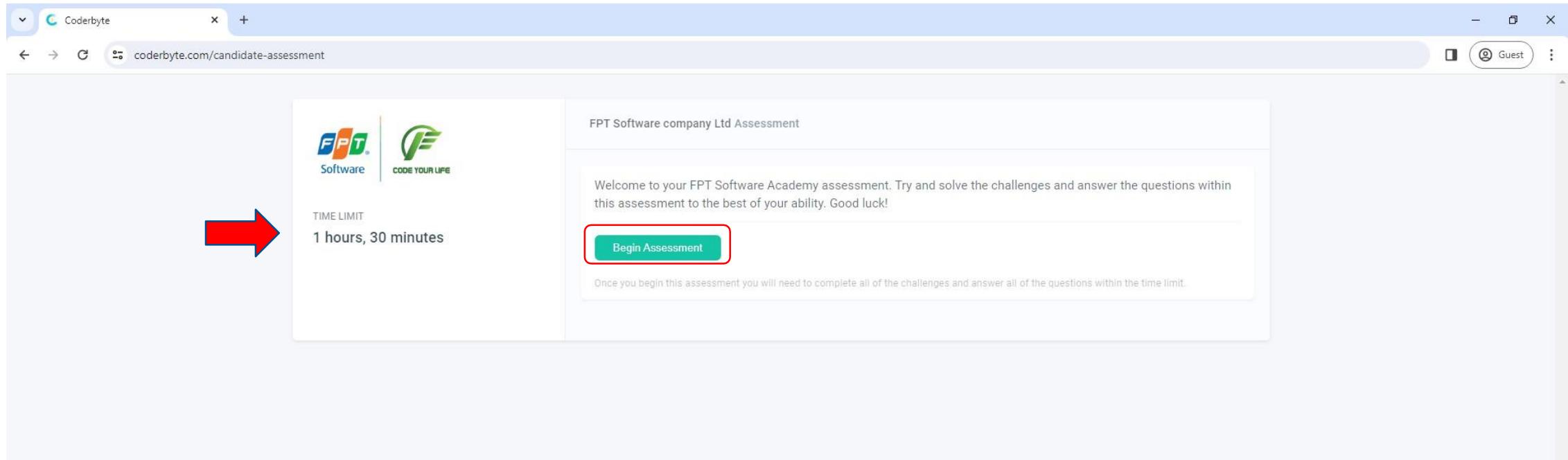
Signup and get started

- Enter your full name (**note: without accents**) and then click the "**Begin Assessment**" button.



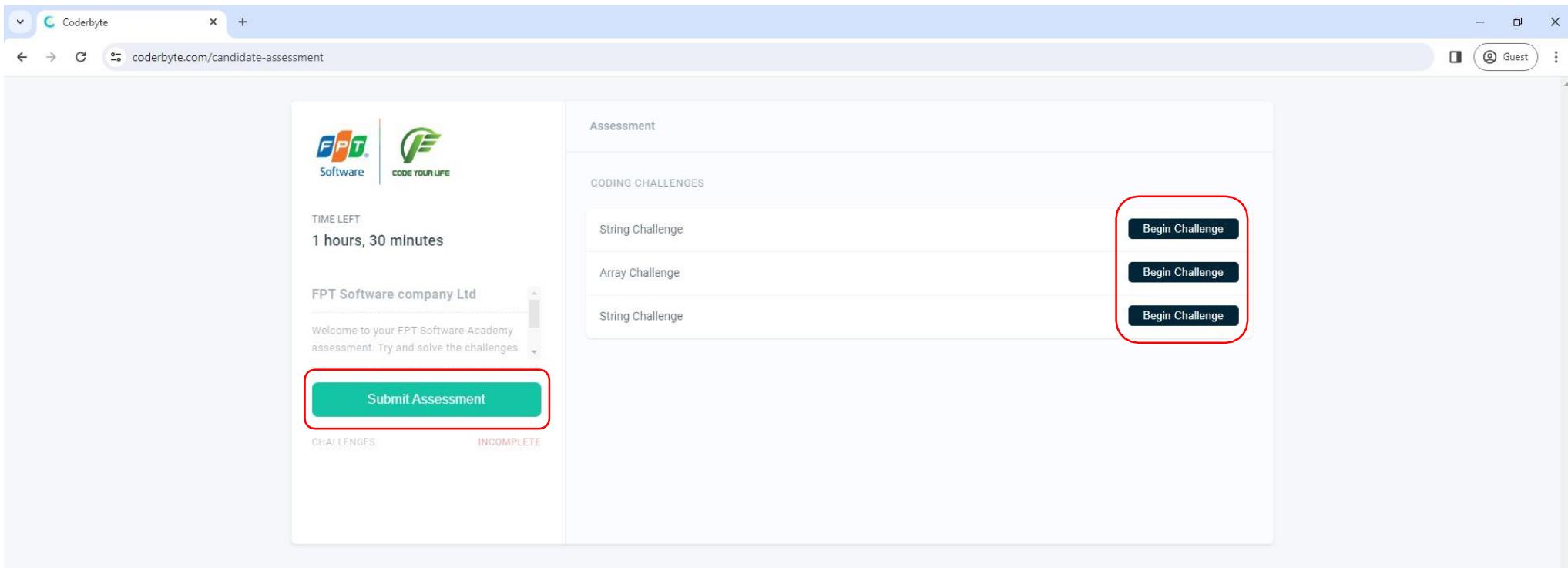
Test duration information

- Review the test duration, and then press the "**Begin Assessment**" button.



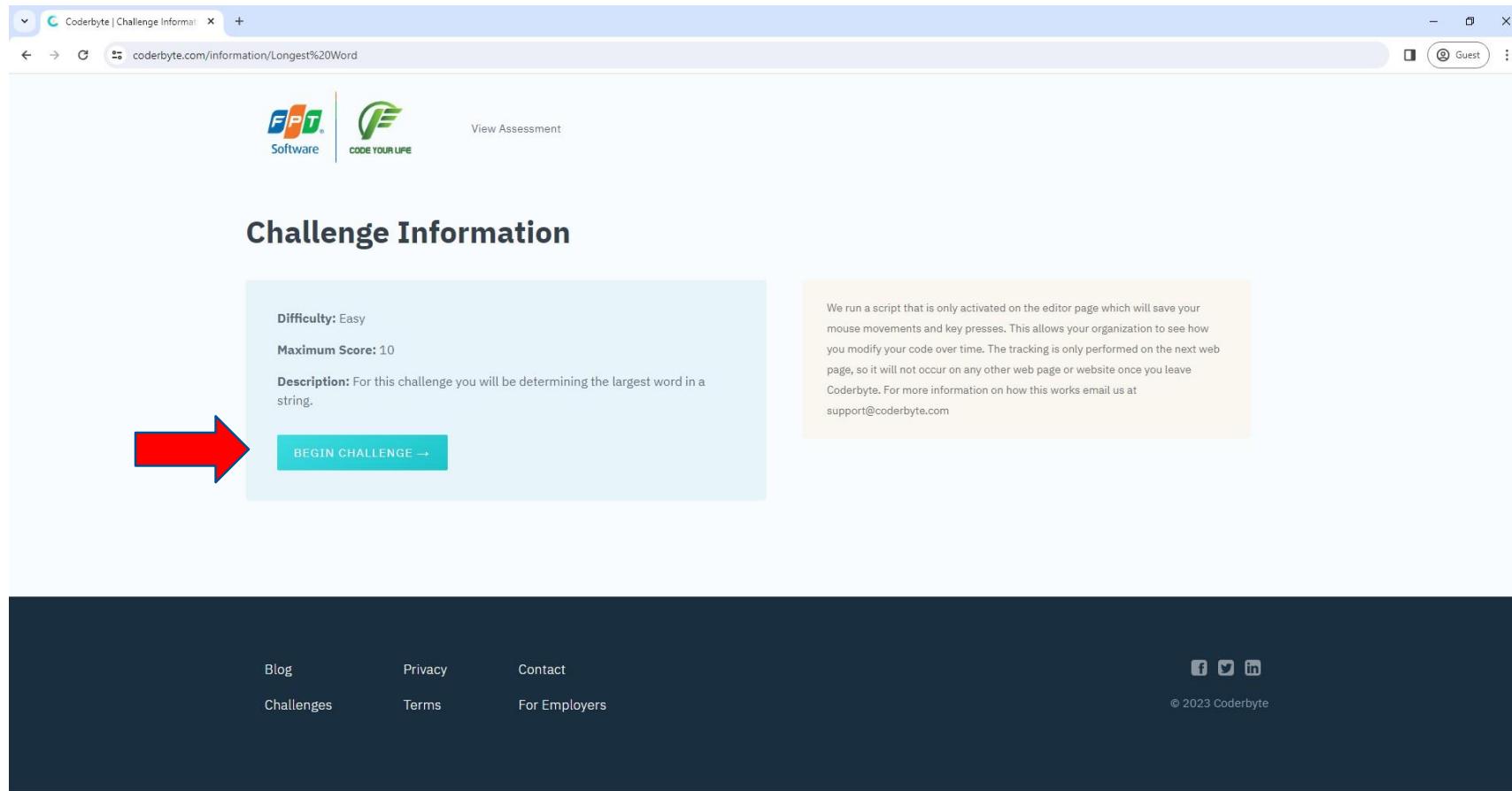
Test main screen

- A test consists of one or more challenges. Click on the "**Begin Challenge**" button to start answering each challenge individually.
- Click on the "**Submit Assessment**" button to submit the entire Test.



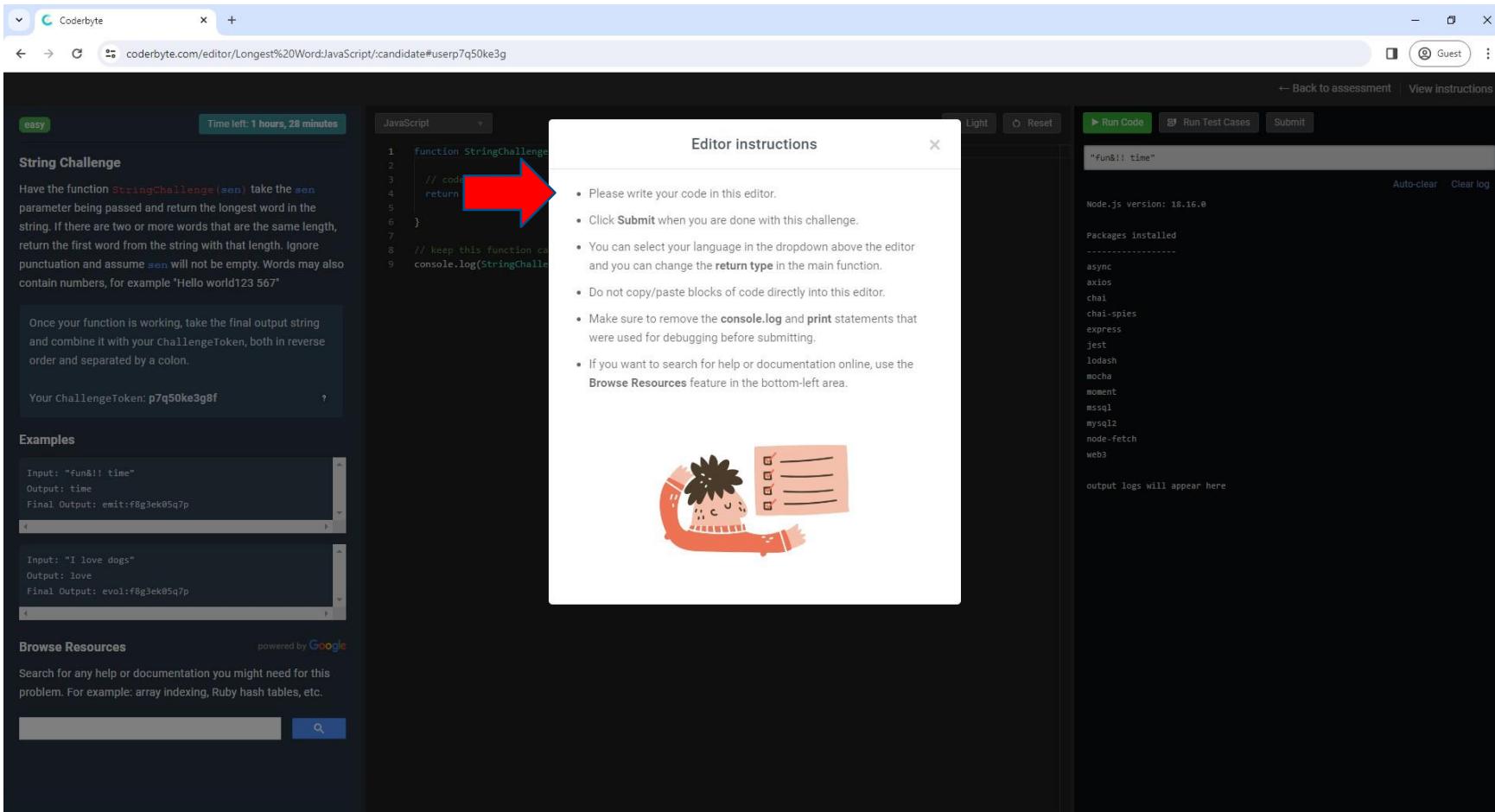
Challenge information

- Review the general information about the challenge then click the "Begin Challenge" button to start.



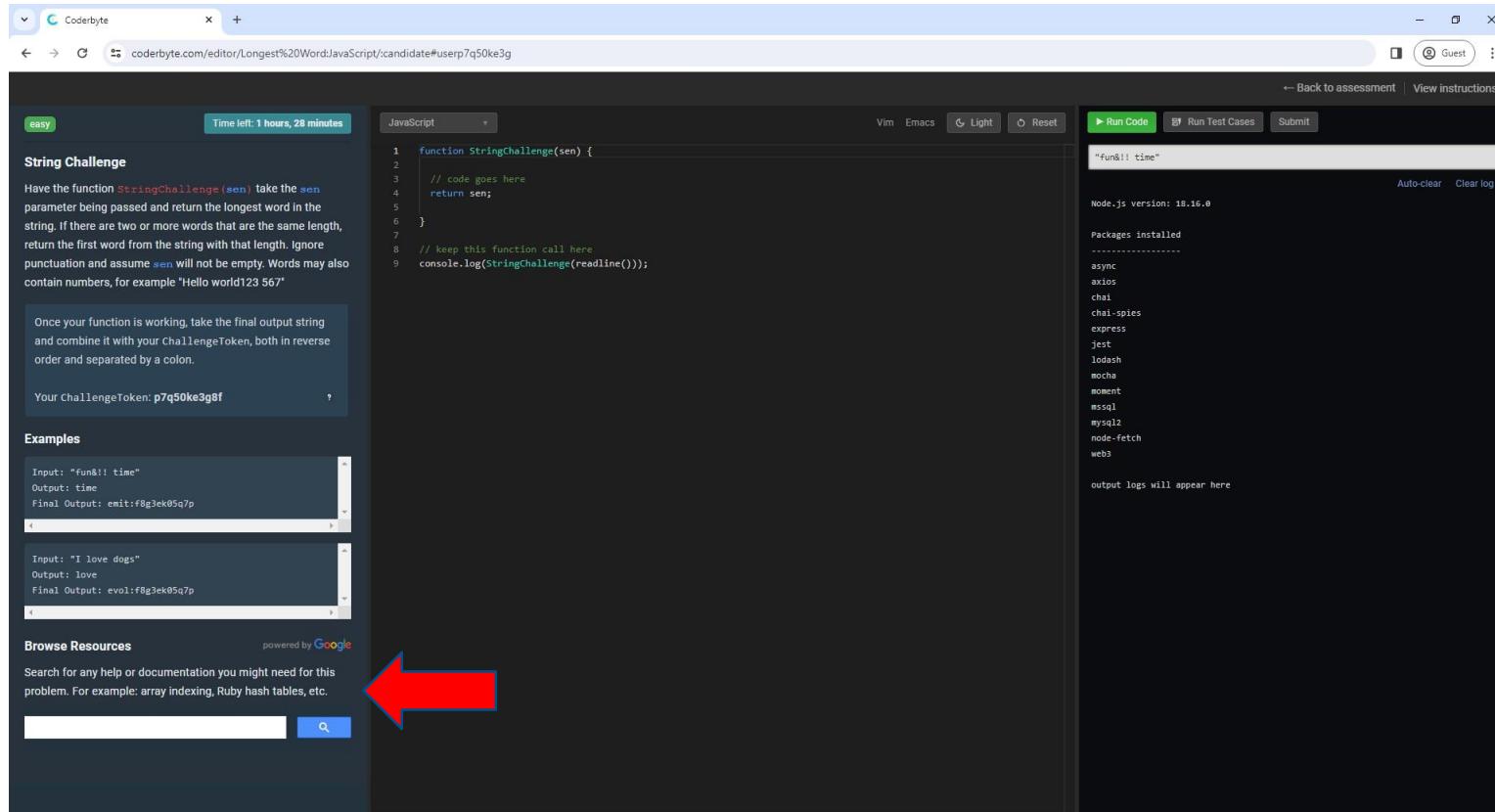
Editor instructions

- Read the Editor instructions **carefully**.



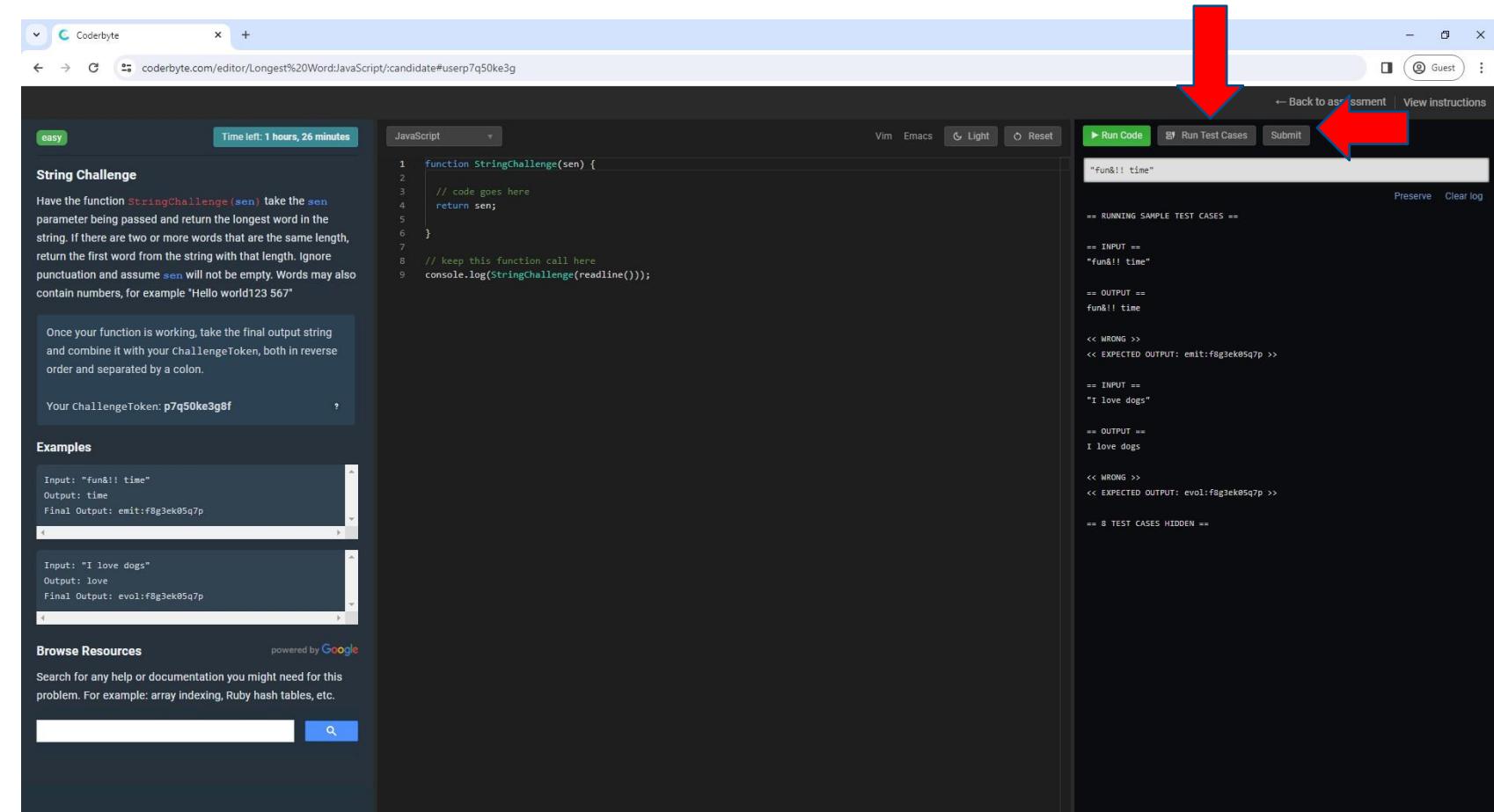
During taking the challenge

- **Do not use** any research on the internet for knowledge or concepts if needed within the "Browse Resources" section.



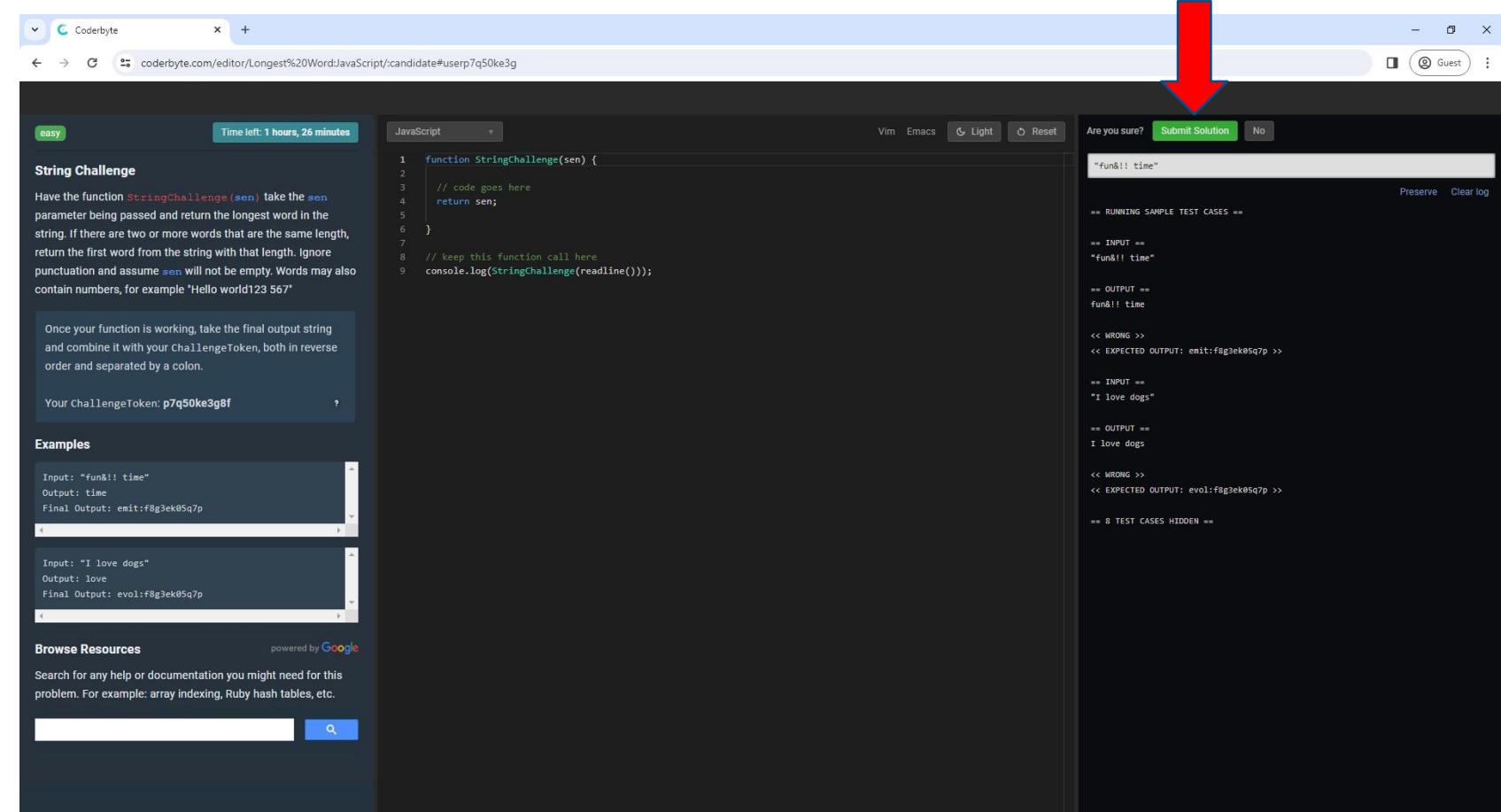
Trying with provided test cases

- Run some provided test cases to validate your solution before submitting your work.
- Click on "Submit" to submit your solution.



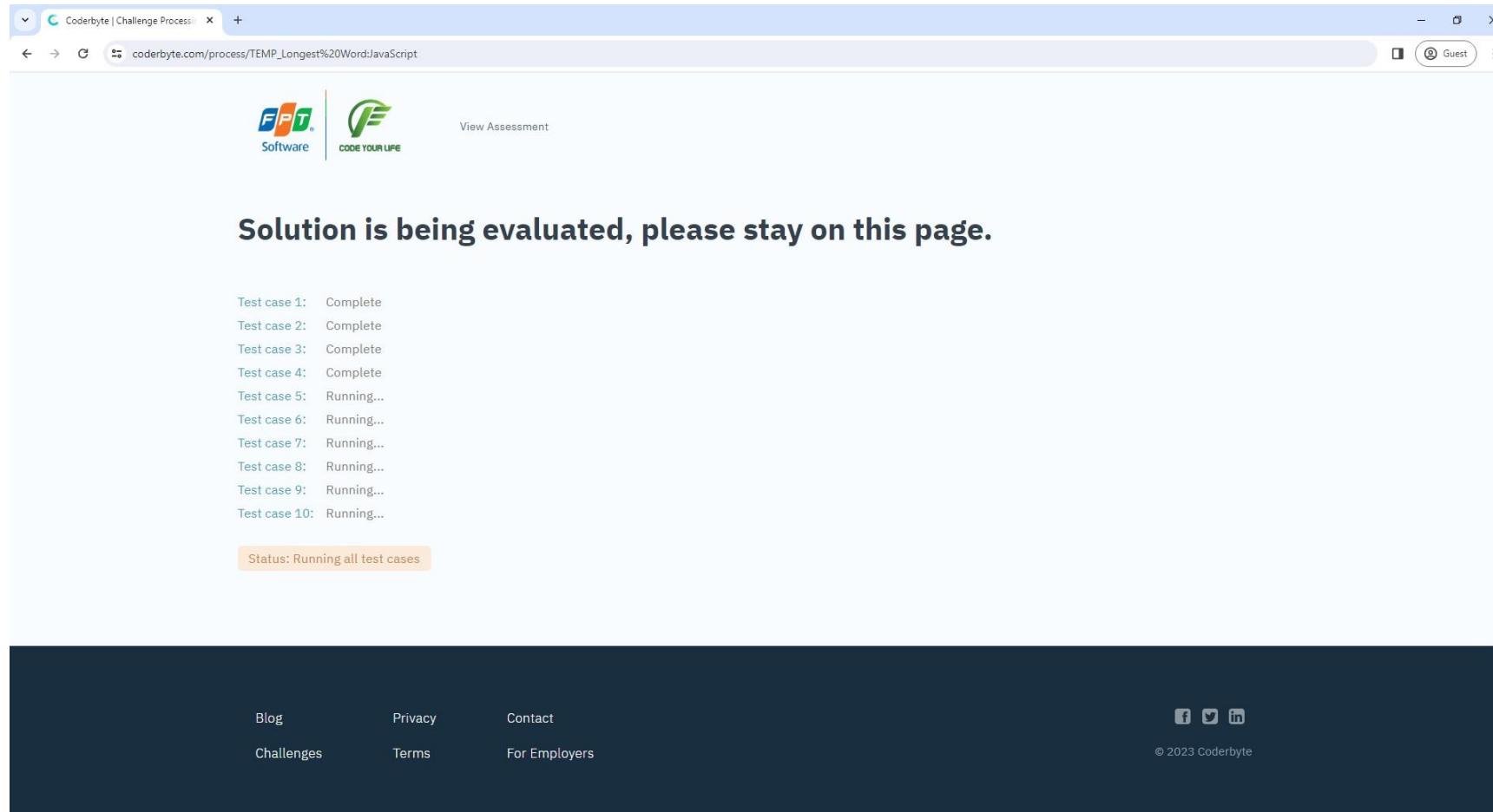
Submit your challenge solution

- Double-check your solution before confirming the submission.



Grading your challenge submission

- Wait for the system to grade your submission.



Challenge result

- Click on "Continue Assessment" to proceed with the remaining challenges.

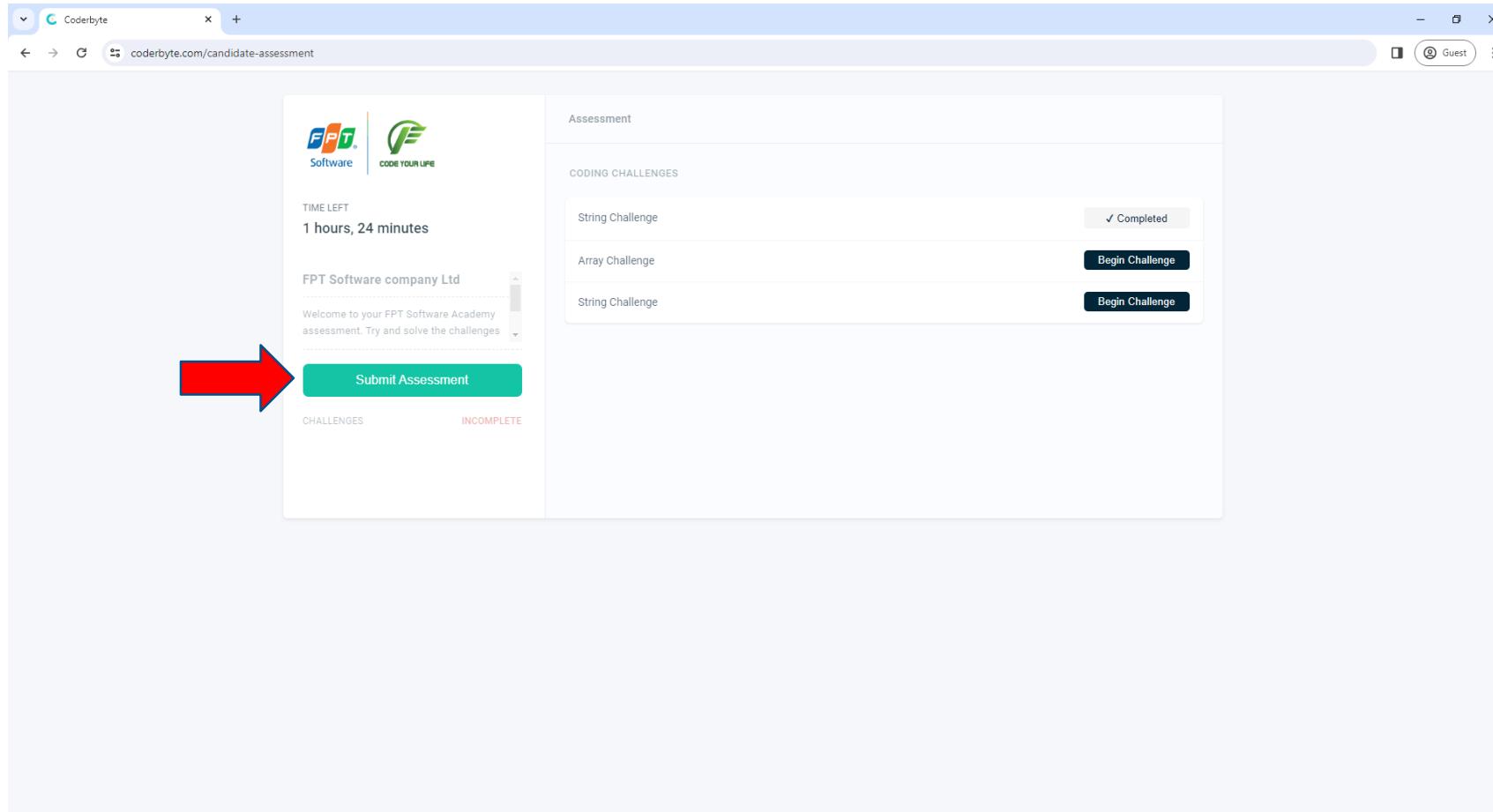
The screenshot shows a web browser window for the Coderbyte challenge results. The URL in the address bar is `coderbyte.com/results/userp7q50ke3g;Longest%20Word:JavaScript`. The page header includes the FPT Software logo and a 'View Assessment' link. A large red arrow points down to the 'CONTINUE ASSESSMENT →' button. The main section is titled 'Results' and shows 'Viewing thaonn28@fpt.com's solution.' Below this, the challenge title is 'Longest Word'. It displays '0 TEST CASE POINTS' and '0 TOTAL POINTS'. A note states, 'This user submitted their solution in 4 minutes'. A green box contains the message 'Runtime not calculated' and a note: 'Above will be the running time of your algorithm expressed in Big-O notation. Big-O notation is used to classify algorithms according to how their run time grows as the input size grows. To learn more here is a guide on how it works.' Another note says, 'Your solution needs to pass all the test cases for the runtime to be calculated.' At the bottom, there is a code editor with the following JavaScript code:

```
1 function StringChallenge(sen) {  
2     // code goes here  
3     return sen;  
4 }  
5 // keep this function call here  
6 console.log(StringChallenge(readline()));
```

To the right of the code editor is a text input field containing 'Hello world' and a 'RUN CODE' button. Below the input field is a placeholder text: 'output logs will appear here'.

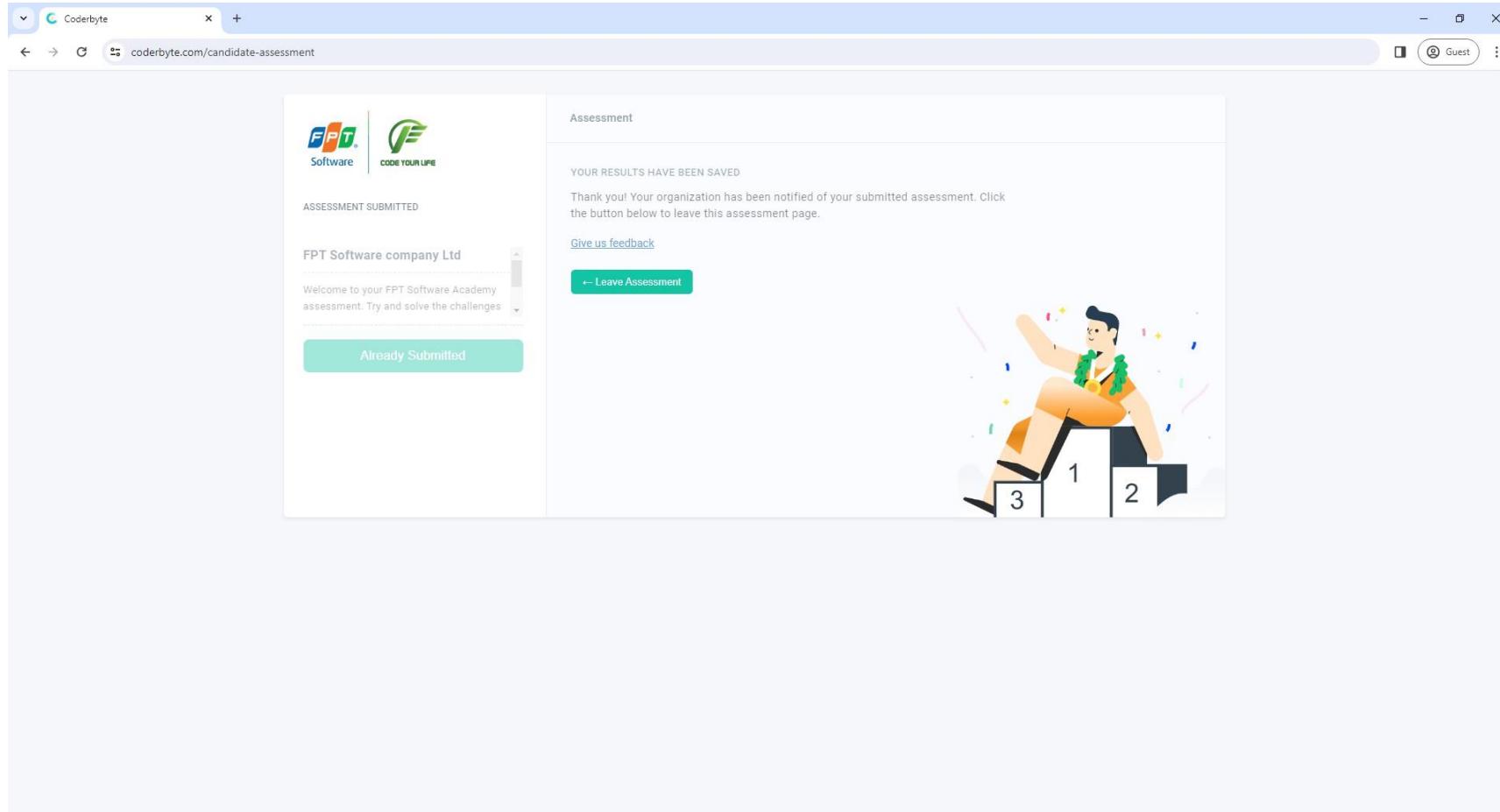
Submit your entire test

- After completing all the challenges, click on "**Submit Assessment**" to submit the entire test.



Submit your entire test

- After submitting your entire work, you can close the CoderByte tab.



Try it out

- Explore various coding challenges at <https://coderbyte.com/challenges>

THANK YOU!

