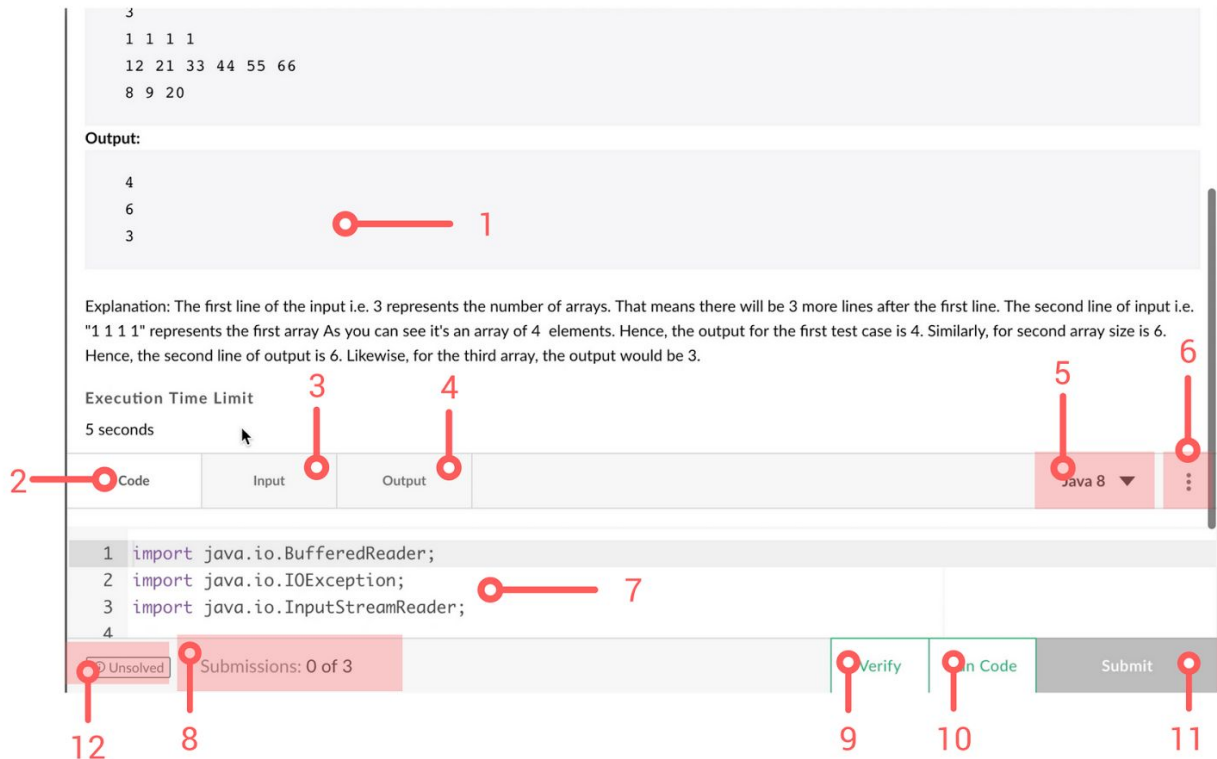


# UpGrad Coding Console

Let us first start with noting the various components of the standard view of the coding console.



1. This section includes the detailed problem description.
2. This is the tab where you can write the solution code for the problem
3. Clicking on the "Input" tab will take you the section where you can enter some input for your code.
4. Clicking on the "Output" tab will take you to the output section where you can see the corresponding output for any input you provided to the code after you have pressed the "Run Code" button.
5. You can change the programming language using this button. You will be able to see all other languages supported for this problem. **Note:** You will be able to change the language only if the problem creator has enabled the same. If not, you need to write code in the default language of the given problem statement.
6. Overflow Menu - It will have the following options
  - a. Load Language Stub - This is the action which you can find in the overflow menu, on clicking this you will be able to go back to the problem stub. **Note:** Your current solution code will be replaced by the problem stub. This action will help you to clear your current solution code with the problem stub or the skeleton code.
  - b. Toggle Night Mode - Changes the look and feel of the coding section.
7. This is the main section where you can write the code/provide input/see the output depending upon what tab you have selected among 2, 3 & 4.
8. Here you can see the total number of submissions allowed and your individual submit attempts remaining.
9. Verify Code - Clicking on this button will run your code against the sample test cases.

10. Run Code - You can click on this button to run your code with the input provided in the input tab.
11. Submit - This button will run your code against the non-sample test cases.
12. Status - This space denotes the existing Status of the coding question.
13. Details - This section comes adjacent to the "Status" section, once the code is submitted. Clicking this, informs you how you fared against all the test cases.

## **FAQs**

**Question:** The coding question does not show, I am only see a loader?

**Answer:** Please check your internet connection. This is happening most likely due to a patchy internet connection. We recommend have a 2Mbps internet connection while going through the program.

**Question:** The coding console appears as a blank section on the page. I do not even see a loader, just a blank screen.

**Answer:** In all likelihood, this is happening because of your browser blocking any third-party cookies. We require the use of third-party cookies, in order to properly function this component of the page. You must enable this setting and refresh the page. If the cookies are blocked, it shows visually on the address bar in browsers like Chrome & Firefox (more info can be found [here](#) from Chrome and [here](#) for Firefox).

**Question:** The coding console looks to overwhelming, is there a way where I can first learn how this works?

**Answer:** Sure, you can view a detailed tutorial provided to you as a session in the program. The session is named "Understanding UpGrad Coding Console"

**Question:**What is "Execution time limit"?

**Answer:** Time-taken for the code to execute from start-to-finish for the given input on the server.

**Note:** This time is independent of your internet speed.

In case, your code exceeds the time limit for a particular input it will give a message something like this: "Time limit exceeded. Execution took more than 5.00s" (Where 5 seconds is the execution time limit)

**Question:**My internet is slow. Will this affect the execution time?

**Answer:** No. The execution time calculation is independent of your internet speed.

**Question:** I am unable to write my code.

**Answer:** Ensure that you have selected the correct tab among "Code", "Input", "Output". You can write code in only the "Code" tab. Similarly the "Input" tab is only for providing your input to the code and the "Output" tab only shows the output for your input.

**Question:**Why is there some code already in the editor?

**Answer:** A Problem stub is provided for you to begin with. Treat this as a skeleton code, you have to solve the coding problem by adding your code to the given skeleton code.

Question:What is the difference between “Verify”, “Run Code”, “Submit”?

Answer: Here is the difference between the 2 primary actions:

- Run Code - You should use this if you want to provide your own input to the code and check the corresponding output. You are able to run the code as many times as you want.
- Verify - You can use this feature to test the code against some of the sample test cases provided by the problem creator. You can view these test cases and detailed results for your code against them. You can use the verify feature as many times as you want.
- Submit - You can use this feature to run the non-sample test cases once you are confident that your code is correct. After the submission, when the test cases run, you will be able to see their results. In case, you have successfully solved the problem or have exhausted the number of submissions, you will be able to see the “Input”, “Solution Output” and “Expected Output” for a non-sample test case. You can submit your code only a limited number of times and the number of submit attempts is mentioned on the console itself.

**Note:** A coding question will only be marked complete if you have used “Submit” and successfully solved the problem or have exhausted the number of submissions. If you only use “Run Code” & “Verify” the question will not be marked as completed for you.

Question:My code is running in my local IDE but not on this editor.

Answer: Some of the most common reasons why this may happen are:

- In Java, the class name should be “Source”, if you copy paste any code with any other class name it will not work.
- Check if you are providing appropriate input to the code using the input tab if you get an error on pressing the “Run Code”.
- If you are still getting an error, try to find out the reason such error occurs and then work on debugging the code. It can be simple case of an extra “}”, “;” or any other character.

Question: My internet connection was lost, will I my code be saved?

Answer: Yes, any code you type is autosaved at regular intervals.

Question:I am getting the right output but the test-case has not passed.

Answer: When we check a test-case, we do an exact match of the output. Please check for minor inconsistencies like spellings and extra spaces etc. often these small elements are the difference between a failed and passed test case.

Question:Can I change the programming language?

Answer:Yes, you can change the programming language if the problem creator has added support for more than one languages.

Question: I have not submitted even once but the status says “Attempted”. Why is this so?

Answer: “Attempted” status means that you have modified the problem stub and the changes you have made have been auto-saved. It is the status after the initial “Unsolved” status. Once you submit, the status would never be “Attempted”.

Question: I accidentally deleted some code provided by UpGrad. Can I get it back? If yes, then how?

Answer: Yes. You can do this by using the “Load Language Stub” action in the overflow menu. You can copy any important code snippet locally, before you go ahead with doing so because all your existing code will be lost and will be replaced by the Problem Stub.