

## 1.1.5

The screenshot displays the CODETANTRA web-based IDE interface. The left sidebar contains the problem description for "1.1.5. Student Pass or Fail Status". The main editor shows a Python script that takes an integer input and prints "Pass" or "Fail" based on whether the marks are greater than or equal to 40. The right sidebar shows the execution results, including a table of test cases and their outcomes.

**1.1.5. Student Pass or Fail Status**

Write a Python program to determine whether a student passed the exam or not based on their marks.

**Pass/Fail Criteria:**

- A student passes if marks  $\geq 40$
- A student fails if marks  $< 40$

**Input Format:**

- Single line contains an integer representing the marks obtained by the student.

**Output Format:**

- Print "Pass" if the student passed the exam.
- Print "Fail" if the student failed the exam.

**Sample Test Cases**

**passOrFa...**

```
1 marks = int(input())
2
3 if marks >= 40:
4     print("Pass")
5 else:
6     print("Fail")
```

Average time: 0.014 s (14.00 ms) | Maximum time: 0.022 s (22.00 ms)

3 out of 3 shown test case(s) passed  
4 out of 4 hidden test case(s) passed

Test Case	Expected output	Actual output	Status
Test case 1	45	45	Pass
Test case 2			
Test case 3			

Terminal | Test cases

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## Algorithm

Step 1: **Start**

Step 2: **Input** the student's marks

Step 3: **Check** if the marks are **40 or more**

Step 4: If marks are **40 or more**, print **"Pass"**

Step 5: If marks are **less than 40**, print **"Fail"**

Step 6: **Stop**

## Flowchart

