

1.1.5

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

ALGORITHM:

```
Step 1 -> start
Step 2 -> take input of marks
Step 3 -> if marks >= 40
Step 4 -> give pass
Step 5 -> else
Step 6 -> give fail
Step 7 -> stop
```

CODE:

The screenshot displays the CODETANTRA online IDE interface. The left sidebar contains the problem description for "1.1.5. Student Pass or Fail Status". The main editor area shows a Python program that takes marks as input and prints "Pass" or "Fail" based on whether the marks are greater than or equal to 40. The bottom of the interface includes a terminal and test cases section.

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 ≥ 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")
7
8
```

