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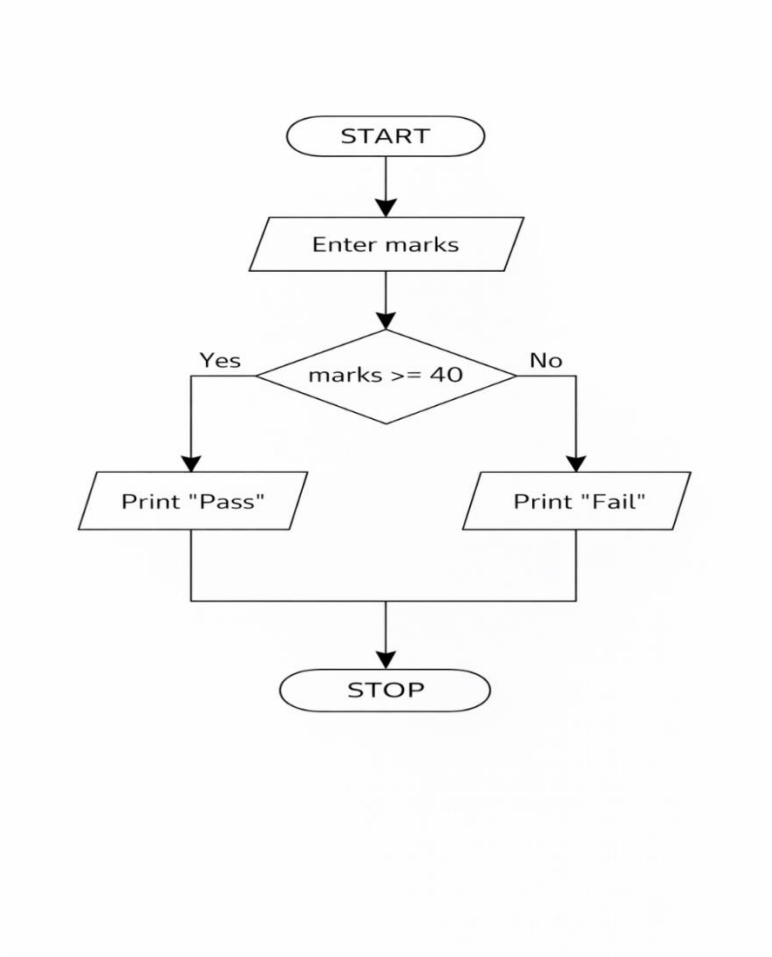
1.1.5 Student Pass or Fail

Algorithm

1. Start
2. Read the marks obtained by the student.
3. Check whether the marks are greater than or equal to 40.
4. If marks ≥ 40, then display “Pass”.
5. Otherwise, display “Fail”.
6. Stop

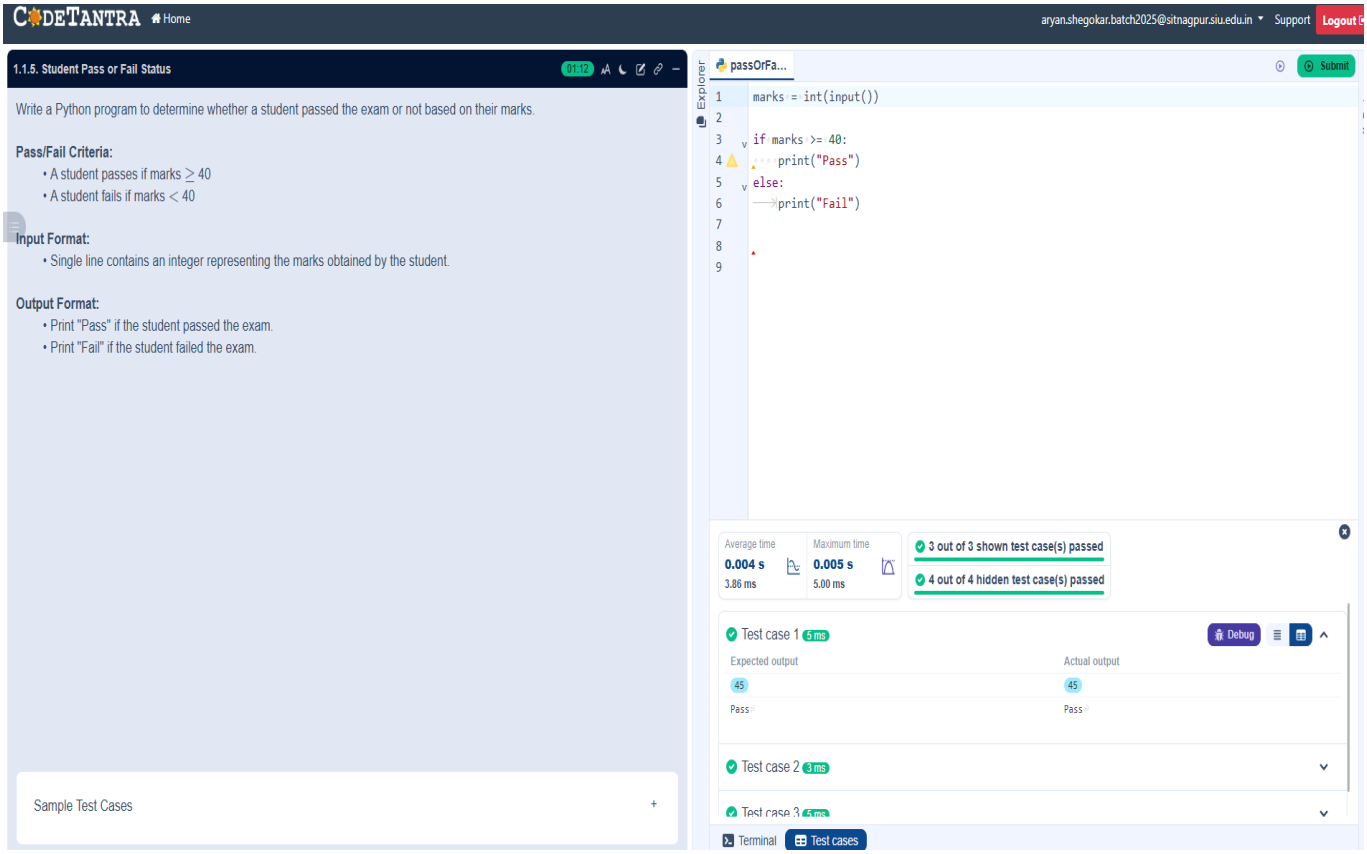
Flowchart



Python code

```
marks = int(input())
if marks >= 40:
    print("Pass")
else:
    print("Fail")
```

EXCECUTION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1.1.5. Student Pass or Fail Status
01:12
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
Explorer
passOrFa...
Submit
marks = int(input())
if marks >= 40:
print("Pass")
else:
print("Fail")
Average time
0.004 s
3.86 ms
Maximum time
0.005 s
5.00 ms
3 out of 3 shown test case(s) passed
4 out of 4 hidden test case(s) passed
Test case 1 5 ms
Debug
Expected output
Actual output
45
Pass
45
Pass
Test case 2 3 ms
Terminal
Test cases