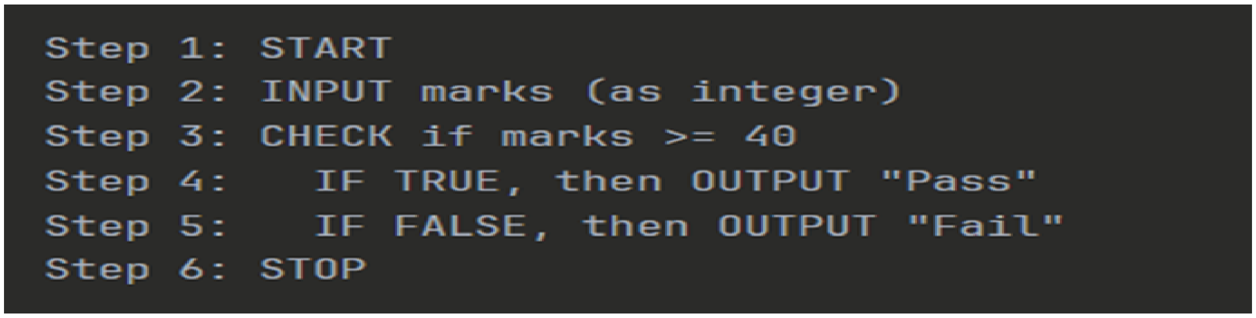
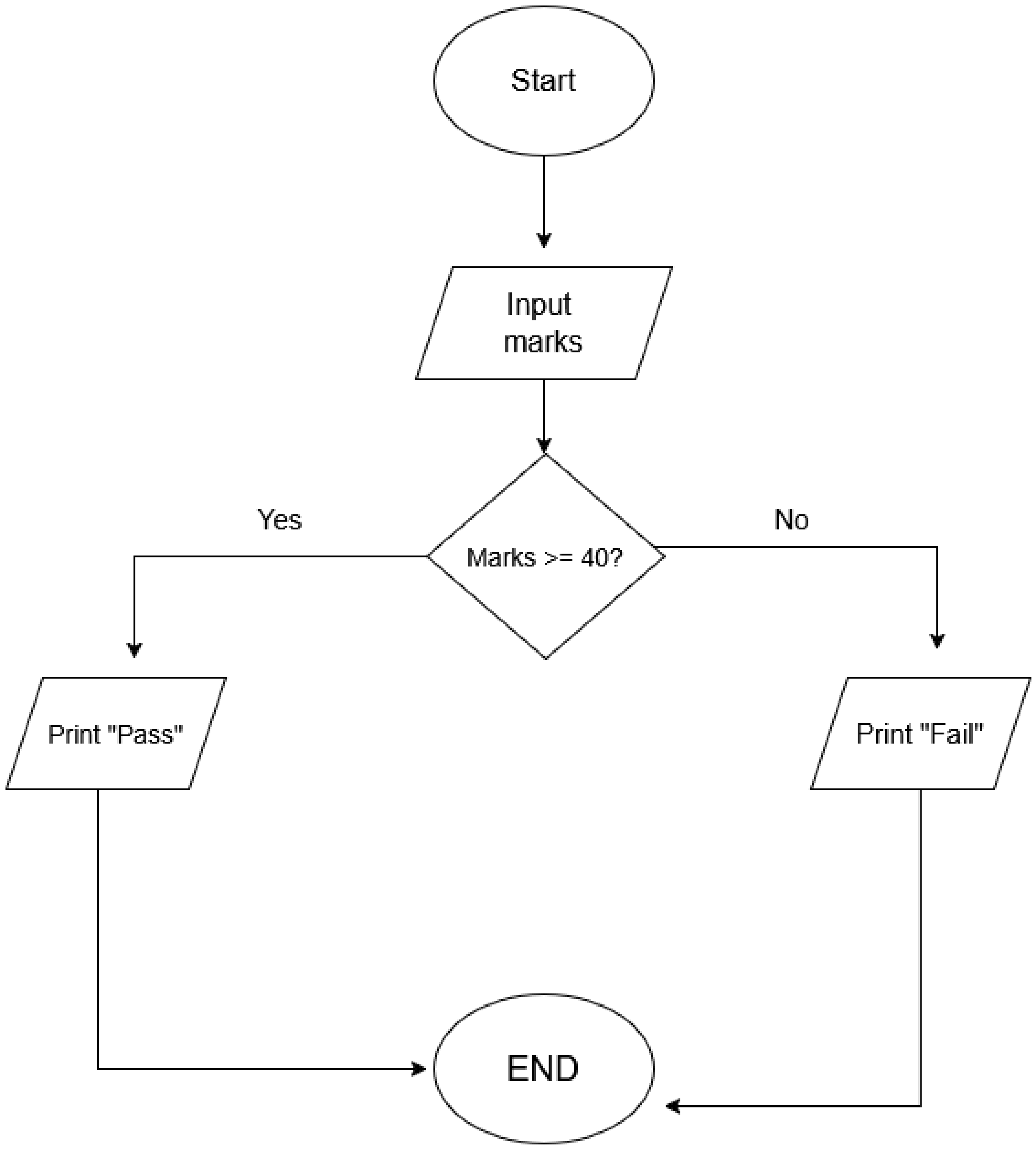
Experiment 1.5: Student pass or fail
Algorithm:

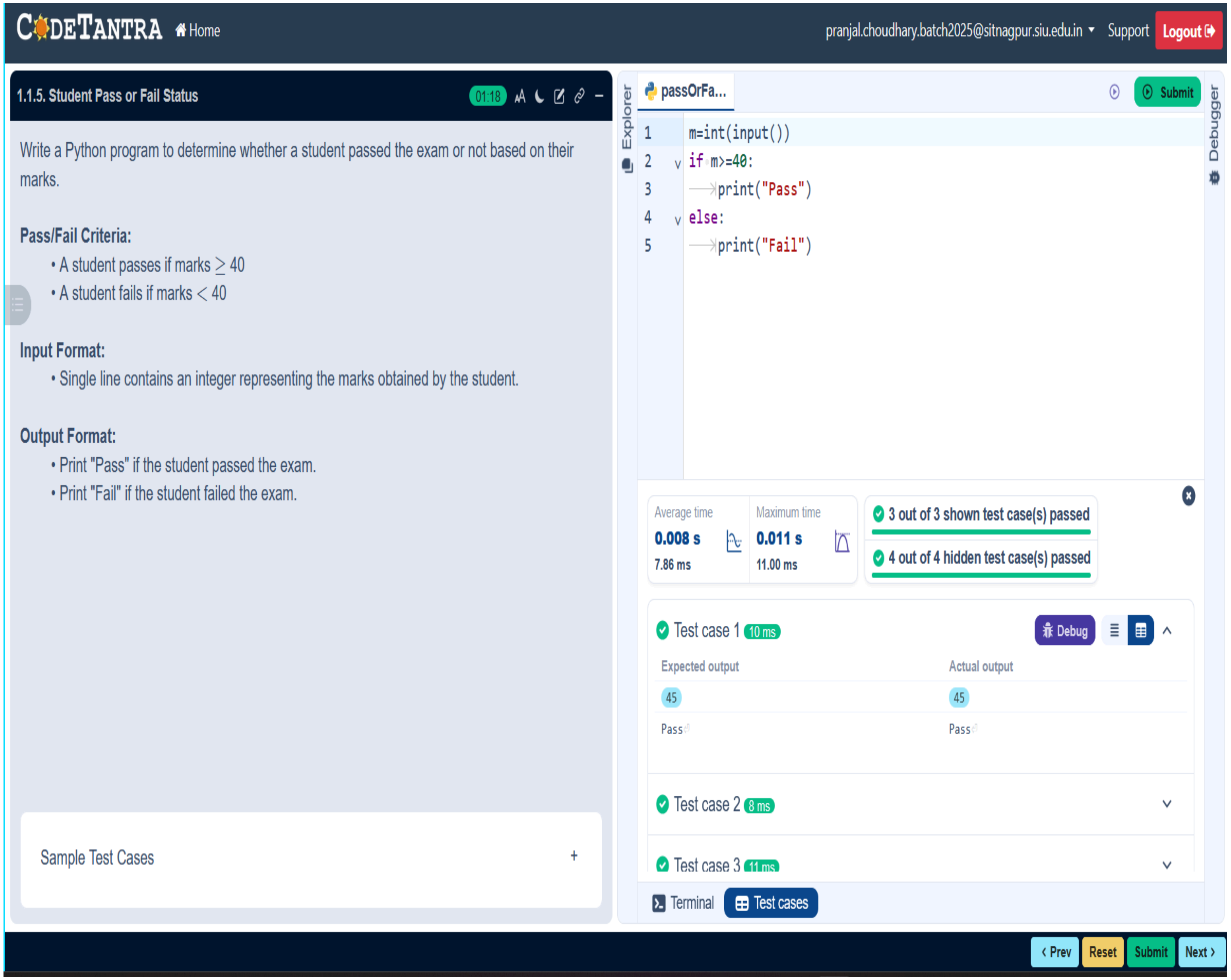


```
Step 1: START
Step 2: INPUT marks (as integer)
Step 3: CHECK if marks >= 40
Step 4:   IF TRUE, then OUTPUT "Pass"
Step 5:   IF FALSE, then OUTPUT "Fail"
Step 6: STOP
```

Flowchart:



Code:



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

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

Average time 0.008 s 7.86 ms

Maximum time 0.011 s 11.00 ms

3 out of 3 shown test case(s) passed

4 out of 4 hidden test case(s) passed

Test case 1 10 ms

Expected output	Actual output
45	45
Pass	Pass

Test case 2 8 ms

Test case 3 11 ms