

Experiment 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: Read the student's marks

Step 3: If marks ≥ 40

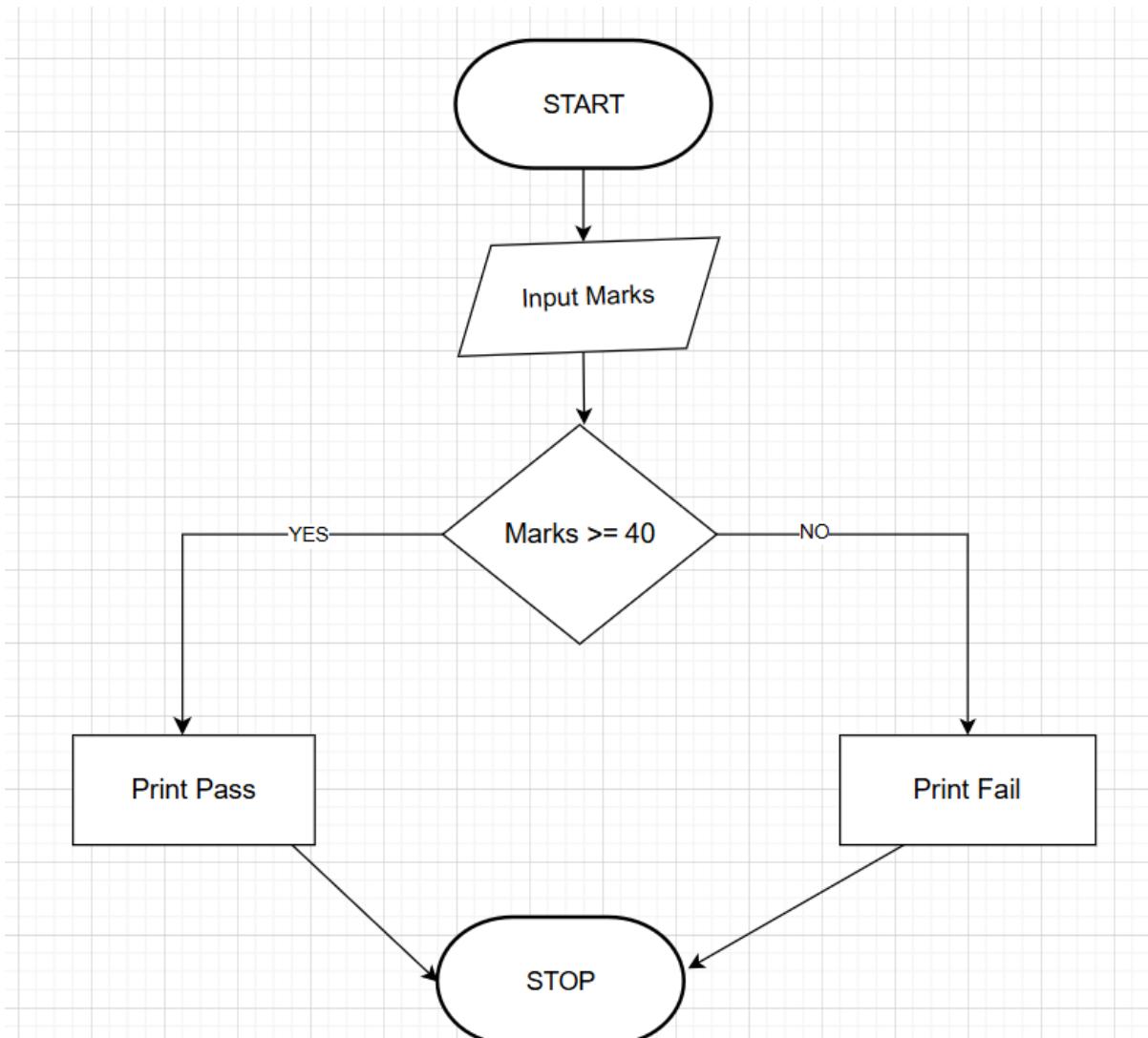
 Display “Pass”

 Else

 Display “Fail”

Step 4: Stop

Flowchart:-



Code:-

The screenshot shows the CodeTantra IDE interface. The title bar displays "CODETANTRA" and the user's email "siddhi.timkhede.batch2025@sitnagpur.siu.edu.in". The top right features a "Logout" button. The main workspace is titled "1.1.5. Student Pass or Fail Status". It contains the following text:

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.

The code editor shows a file named "passOrFa...":

```
# Type Content here...
marks = int(input())
if marks >= 40:
    print("Pass")
else:
    print("Fail")
```

The code has been submitted and is running. The results section shows:

- Average time: **0.004 s** (Maximum time: **0.006 s**)
- Test cases: 3 out of 3 shown test case(s) passed
- Test cases: 4 out of 4 hidden test case(s) passed

Test cases details:

- Test case 1: Expected output 45, Actual output Pass
- Test case 2: Expected output 45, Actual output Pass
- Test case 3: Expected output 45, Actual output Pass

At the bottom, there are buttons for "Prev", "Reset", "Submit", and "Next >".