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1.1.5] Student Pass/Fail Status :

A) Algorithm :

Step 1. Start

Step 2. Read marks (m)

Step 3. If $m \geq 40$ then print "Pass"

Step 4. Else print "Fail"

Step 5. Stop

B) Python Code :

```
marks = int(input())
```

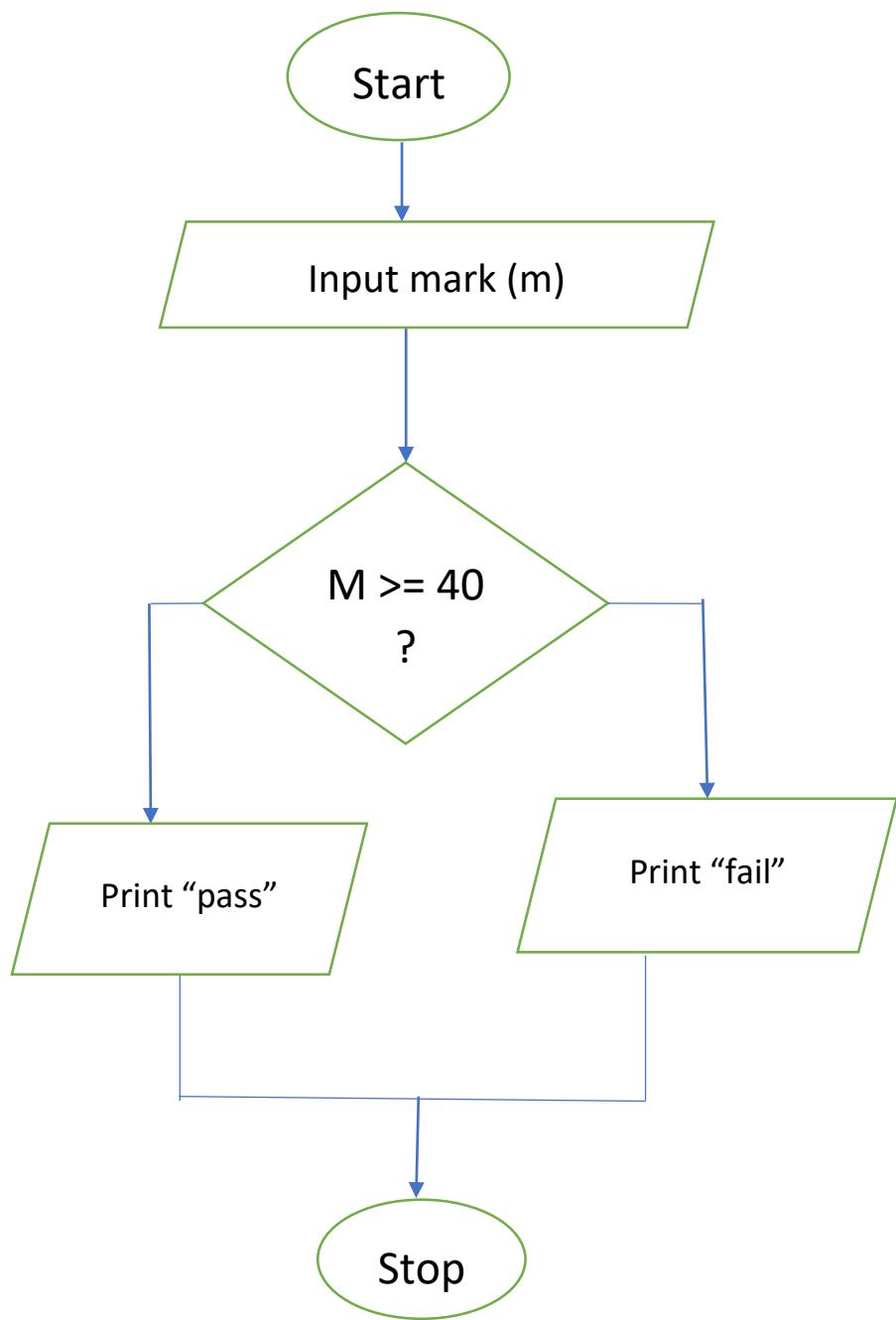
```
if marks >= 40:
```

```
    print("Pass")
```

```
else:
```

```
    print("Fail")
```

C) flowchart :



C) **Output image:**

1.1.5. Student Pass or Fail Status

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

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

