

# EXPERIMENT - 1

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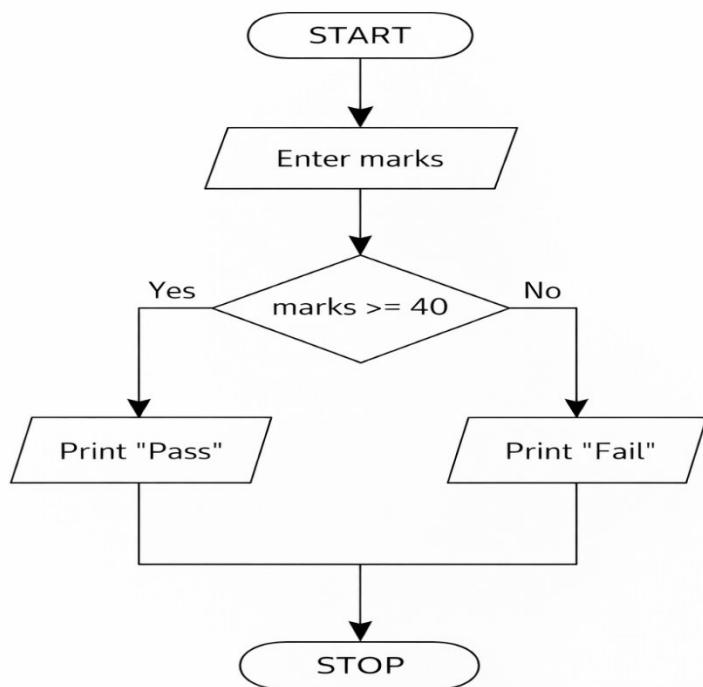
PRN : 25070521137

## **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  $\geq 40$ , then display "Pass".
5. Otherwise, display "Fail".
6. Stop

### **Flowchart**



### **Python code**

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

## EXECUTION

The screenshot shows the CodeTantra IDE interface. The code editor contains a Python script named `passOrFail.py` with the following content:

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

The execution results show:

- Average time: 0.002 s
- Maximum time: 0.003 s
- 2.29 ms
- 3 out of 3 shown test case(s) passed
- 4 out of 4 hidden test case(s) passed

Test cases details:

- Test case 1 (3 ms): Expected output 45, Actual output Pass
- Test case 2 (2 ms): Expected output 45, Actual output Pass
- Test case 3 (4 ms): Expected output 45, Actual output Pass

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