

EXPERIMENT - 1

Name : Atharva Mendhule

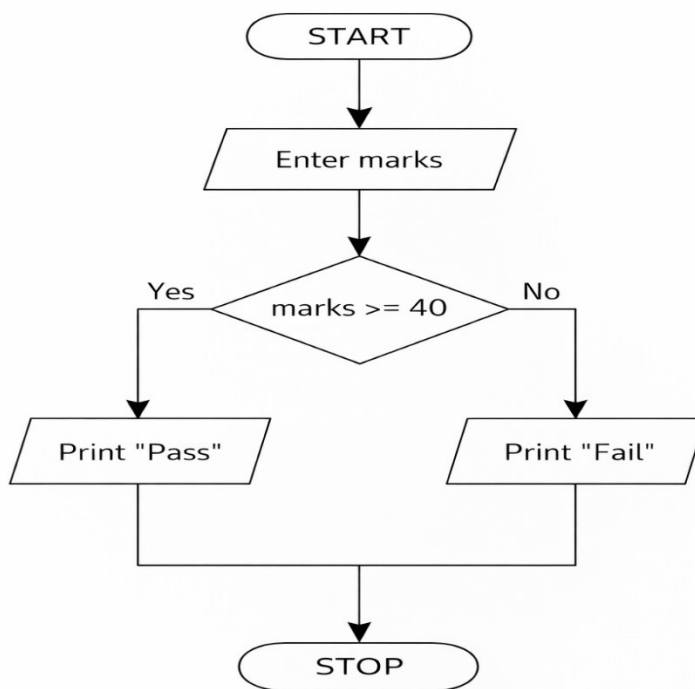
PRN : 25070521137

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 ≥ 40 , then display "Pass".
5. Otherwise, display "Fail".
6. Stop

Flowchart



Python code

EXPERIMENT - 1

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

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

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

```
else:
```

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

EXCECUTION

The screenshot displays the CodeTANTRA IDE interface. On the left, the problem statement for '1.1.5. Student Pass or Fail Status' is visible, including the criteria for passing (marks ≥ 40) and failing (marks < 40), along with input and output formats. The main editor shows a Python script that implements this logic. The right-hand panel displays the execution results, indicating that all test cases passed. Below the results, a table shows the expected and actual outputs for three test cases.

Test Case	Expected output	Actual output
Test case 1	45	45
Test case 2	Pass	Pass
Test case 3	Pass	Pass