

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 -> take input of marks  
Step 3 -> if marks >= 40  
Step 4 -> give pass  
Step 5 -> else  
Step 6 -> give fail  
Step 7-> stop|
```

CODE:

The screenshot shows the CodeTantra IDE interface. The title bar says "CODETANTRA" and "1.1.5. Student Pass or Fail Status". The main area displays the following code:

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

Below the code, there are sections for "Pass/Fail Criteria", "Input Format", and "Output Format".

- 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.

At the bottom, there are buttons for "Submit" and "Sample Test Cases".

