1.1.5] Student Pass/Fail Status :

A) Algorithm :

Step 1. Start

Step 2. Read marks (m)

Step 3. If m ≥ 40 then print "Pass"

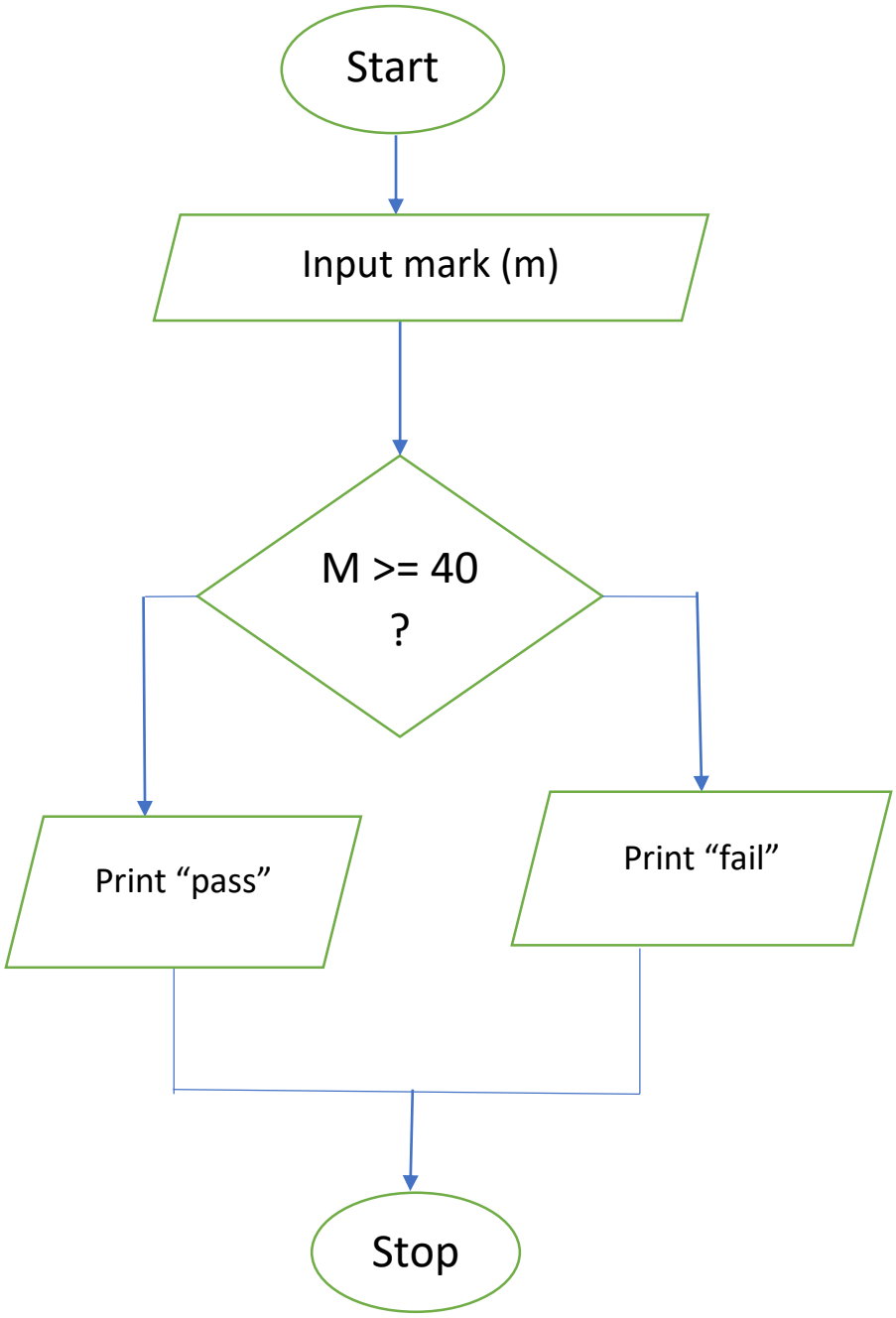
Step 4. Else print "Fail"

Step 5. Stop

B) Python Code :

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

C) flowchart :


Start
Input mark (m)
M >= 40
?
Print “pass”
Print “fail”
Stop

D) Output image: