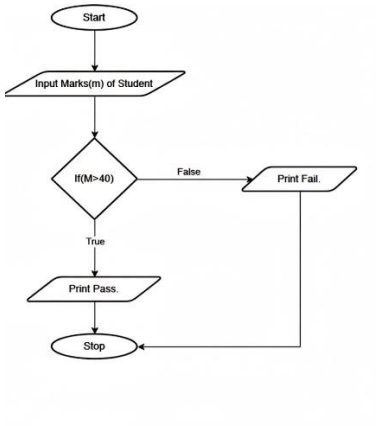
Problem Statement:-

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

Algorithm:-

1. Start.
2. Read the marks obtained by the student.
3. If marks > 40 → Display “Pass”.
4. Else → Display “Fail”.
5. Stop.

Flowchart:-



Execution:-