5.1.2 Student Grade Based on Aggregate:

Algorithm:

Step 1: Start

Step 2: Input Mark 1, Mark 2, Mark 3, Mark 4

Step 3: Total = Mark1 + Mark 2 + Mark 3 + Mark 4 + Mark 5

Step 4: Display Total

Step 5: Percentage = Total / 4

Step 6: Display Percentage

Step 7: if Percentage > = 75, then

Display Distinction

Step 8: Else if Percentage >= 60, then

Display First Division

Step 9: Else if Percentage > = 50, then

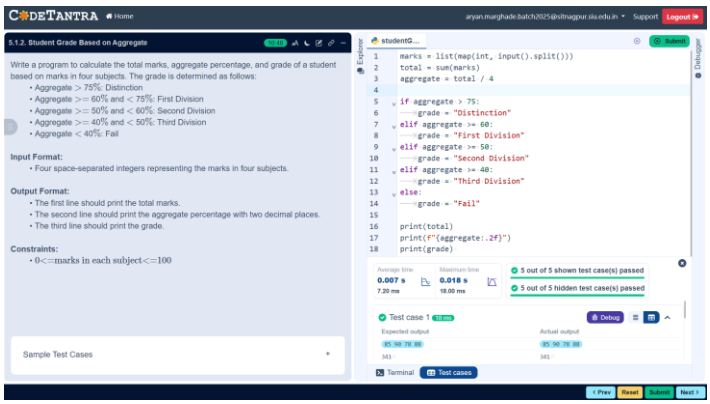
Display Second Division

Step 10: Else if Percentage >= 40, then

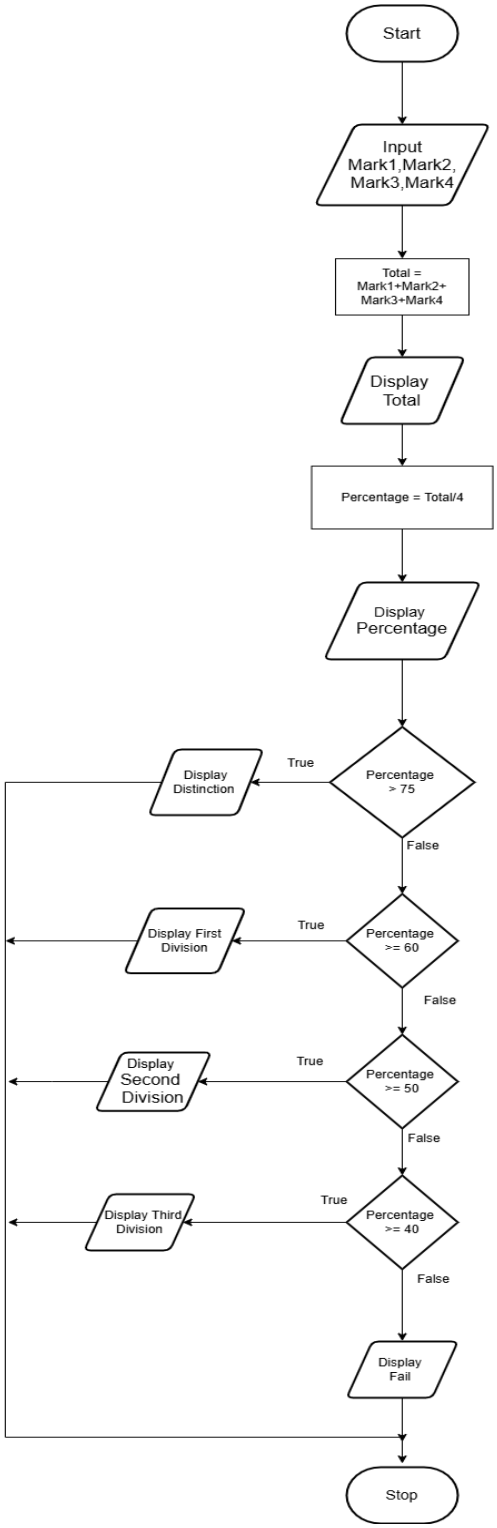
Display Third Division

Step 11: Else Display Fail

Step 12: Stop



Flowchart:


Start
Input Mark1,Mark2, Mark3,Mark4
Total = Mark1+Mark2+ Mark3+Mark4
Display Total
Percentage = Total/4
Display Percentage
Percentage > 75
True
Display Distinction
False
Percentage >= 60
True
Display First Division
False
Percentage >= 50
True
Display Second Division
False
Percentage >= 40
True
Display Third Division
False
Display Fail
Stop