Exercise 1

ALGORITHM FLOWCHART

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BSCS 2A-1

Algorithm

Step 1: Start

Step 2: Initialize test scores and sum

Step 3: Check each scores in test scores

Step 4: If score is even, then add it to sum and skip step 5.

Step 5: Or else, repeat step 4 with the next item in test scores.

Step 6: Display sum if each scores has been checked.

Step 7: Stop

Flowchart

Start

initialize:
testScores = [26,49,98,87,62,75],
sum = 0

Is there a score to check? —No→ Display sum → Stop

Go to next item

Yes

If score is even —No→ (Go to next item)

Yes

sum = sum + score