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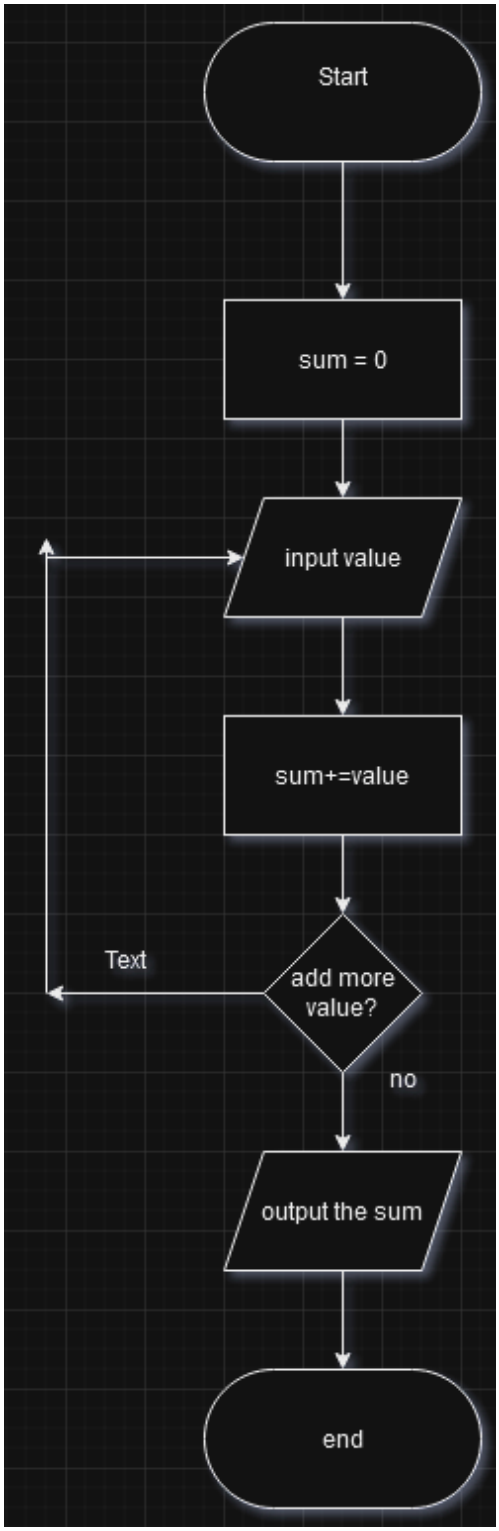
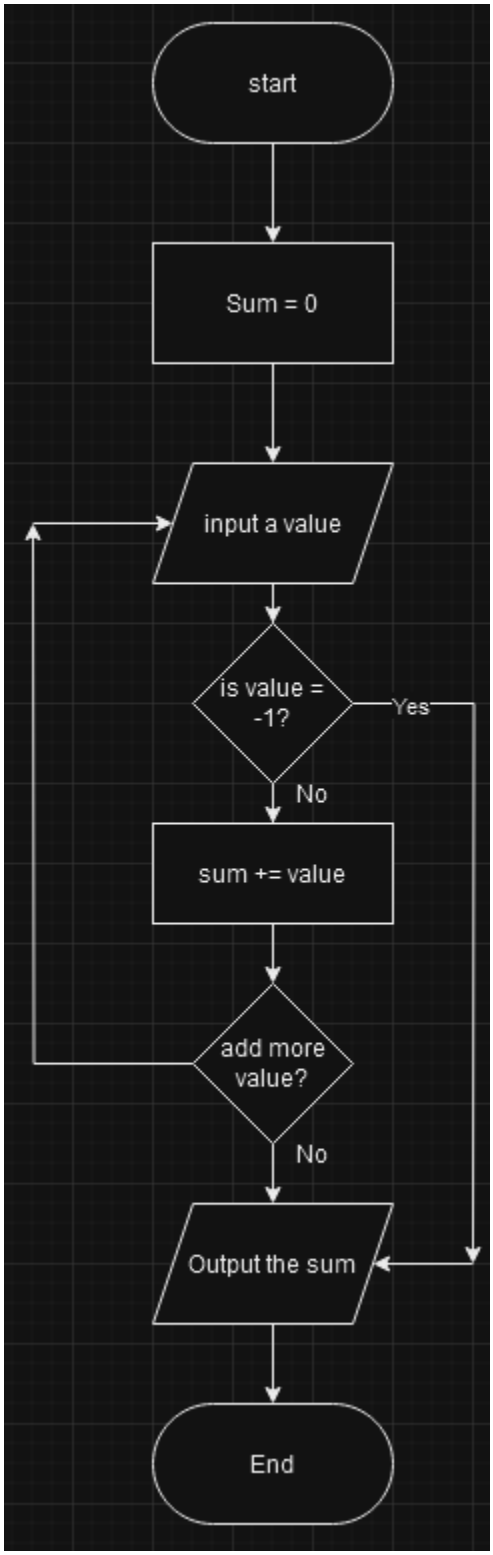
Problem 1



Problem 2


start
Sum = 0
input a value
is value = -1?
Yes
No
sum += value
add more value?
No
Output the sum
End

Additional Activities

1. Algorithm for Finding the Sum of the Numbers 2, 4, 6, 8, ..., n:

Start

Input: Enter the value of n (the last even number in the series).

Initialize: sum = 0

For each even number i starting from 2 up to n (inclusive):

Add i to sum.

End For

Output: Display the value of sum.

Stop

2. Algorithm to Read 100 Numbers and Then Display the Sum:

Start

Initialize: sum = 0

For each number i from 1 to 100:

Input the number.

Add the number to sum.

End For

Output: Display the value of sum.

Stop

3. Algorithm to Read Two Numbers Then Display the Largest:

Start

Input: Enter the first number, a.

Input: Enter the second number, b.

If a > b:

Display a as the largest.

Else:

Display b as the largest.

Stop

4. Algorithm to Read Two Numbers Then Display the Smallest:

Start

Input: Enter the first number, a.

Input: Enter the second number, b.

If a < b:

Display a as the smallest.

Else:

Display b as the smallest.

Stop

5. Algorithm to Read Three Numbers Then Display the Largest:

Start

Input: Enter the first number, a.

Input: Enter the second number, b.

Input: Enter the third number, c.

If a > b and a > c:

Display a as the largest.

Else if b > a and b > c:

Display b as the largest.

Else:

Display c as the largest.

Stop

6. Algorithm to Read 100 Numbers Then Display the Largest:

Start

Initialize: largest = -∞ (set to a very small number, representing negative infinity)

For each number i from 1 to 100:

Input the number.

If the number is greater than largest:

Update largest = number.

End For

Output Display the value of largest.

Stop