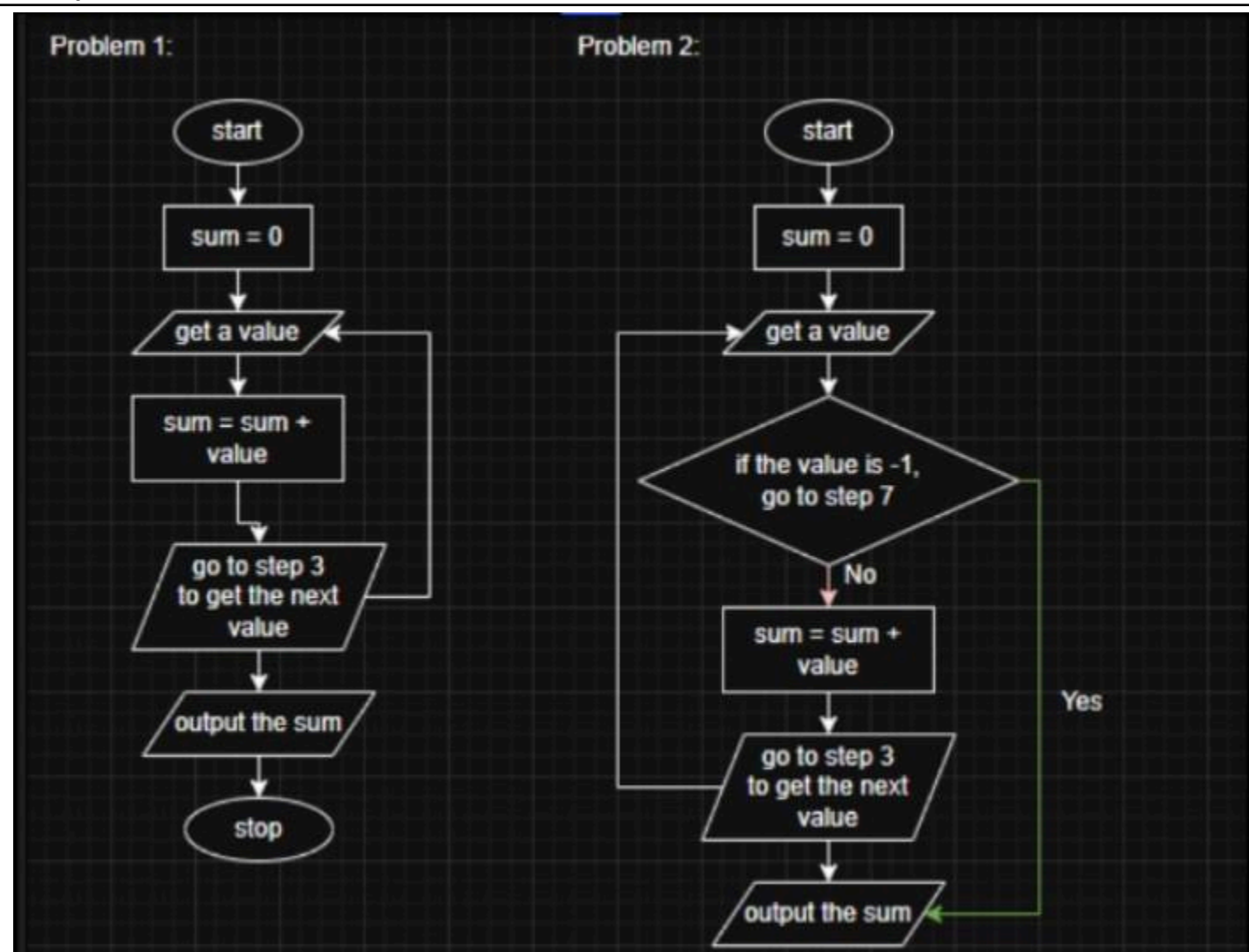


Activity No. 1	
Using Pseudo-Code statements and Flow Charts	
Course Code: CPE010	Program: Computer Engineering
Course Title: Data Structures and Algorithms	Date Performed: July 31 2025
Section: CPE11S1	Date Submitted: August 1 2025
Name(s): LOPEZ, ANDREI DION C.	Instructor: Sir Jimlord

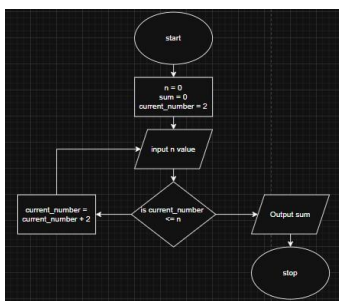
6. Output



7. Supplementary Activity

Problem 1: <pre> start n = 0 sum = 0 current_number = 2 get an even number for n check if current_number == n if so proceed to step 5 if not go to step 8 sum = sum + current_number current_number = current_number + 2 go back to step 4 output sum stop </pre>		
Problem 2: <pre> start sum = 0 value_amount = 0 get a value sum = sum + value value_amount = value_amount + 1 check if value_amount = 100 if not go back to step 3 if so proceed to step 7 output sum stop </pre>	Problem 3: <pre> start n1 = 0 n2 = 0 get a value for n1 get a value for n2 if n1 < n2 output n1 else output n2 stop </pre>	Problem 6: <pre> start n = 0 i = 0 amount = 0 get a number for i amount = amount + i n = i check if amount = 100 if yes proceed to step 7 if not go back to step 3 output n stop </pre>
Problem 4: <pre> start n1 = 0 n2 = 0 get a value for n1 get a value for n2 if n1 < n2 output n1 else output n2 stop </pre>	Problem 5: <pre> start n1 = 0 n2 = 0 n3 = 0 get a value for n1 get a value for n2 get a value for n3 if n1 < n2, n3 output n1 else if n2 < n1, n3 output n2 else output n3 stop </pre>	

Problem 1: Flow Chart



8. Conclusion

9. Assessment Rubric