Activity No. 1.1	
Hands-on Activity 1.1: Using Pseudo-code Statements and Flowchart Symbols	
Course Code: CPE010	**Program:** Computer Engineering
Course Title: Data Structures and Algorithms	**Date Performed:**
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6. Output

7. Supplementary Activity

1. Design an algorithm and the corresponding flowchart for finding the sum of the numbers 2, 4, 6, 8, ..., n (output: Algorithm and Flowchart)

-start

-sum = 0

-get a value

-add to sum (sum = sum + value)

-input the next value

-output the sum

-stop

2. Write an algorithm to read 100 numbers and then display the sum.

-start

-sum = 0

-input first value

-add to sum (sum = sum + value)

-input the next value

-go to step 5 to get the sum

-output the sum

-stop

3. Write an algorithm to read two numbers then display the largest.

-start

-input first value

-input second value

-if first value > second value then output first value

-else output first value

-stop

4. Write an algorithm to read two numbers then display the smallest

-Start

-input first value

-input second value

-if first value < second value then output first value

-else output first value

-stop

5. Write an algorithm to read three numbers then display the largest.

-start

-input first value

-input second value

-input third value

-if first value > second value > third value then output first value

-else output first value

-stop

6. Write an algorithm to read 100 numbers then display the largest.

-start

-input first value

-input the next value

-if first value > next value then output -first value

-else output first value

-stop

8. Conclusion

9. Assessment Rubric