

Activity No. 1

Hands-on Activity 1.1: Using Pseudo-code Statements and Flowchart Symbols

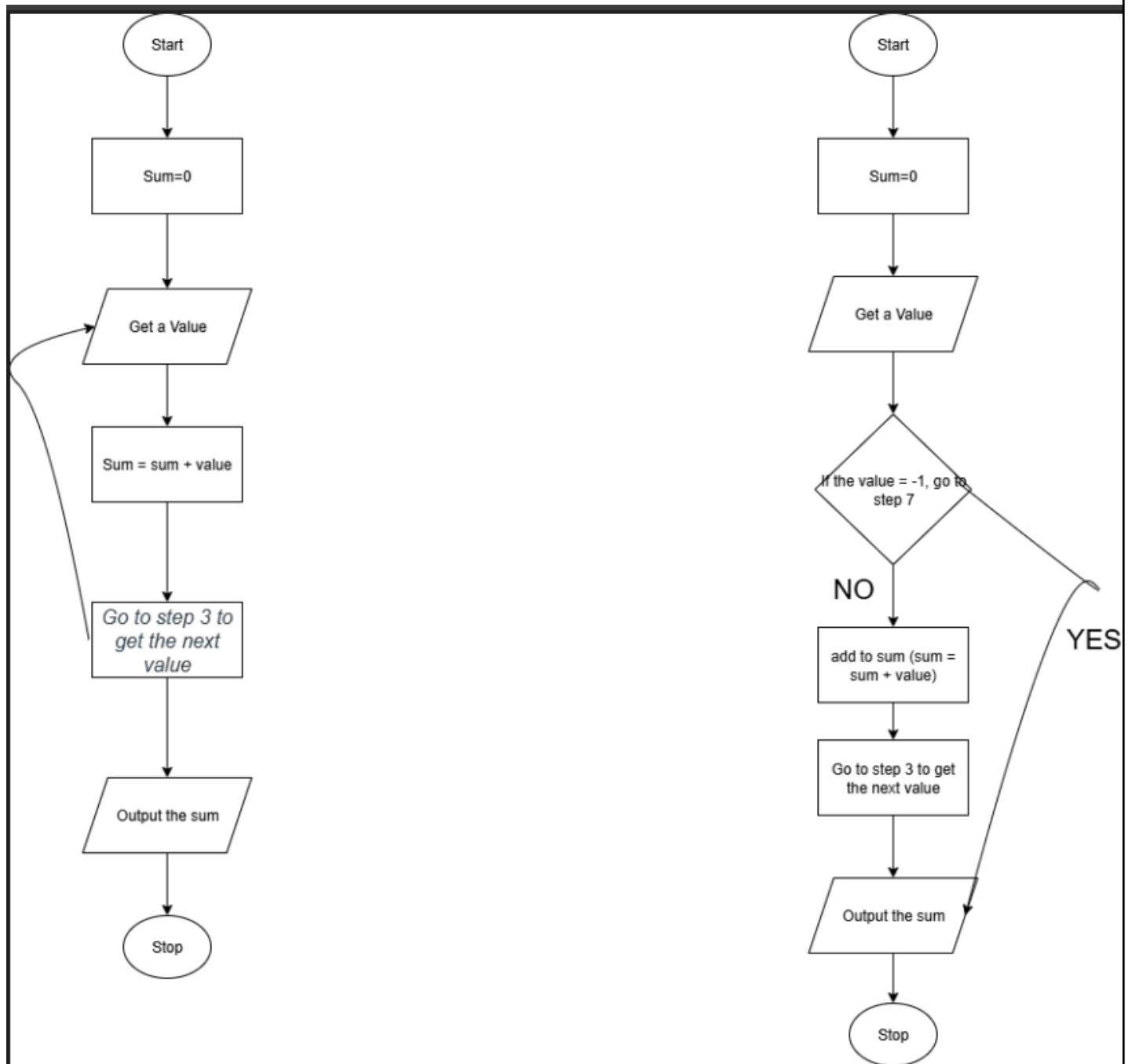
Course Code: CPE 007 **Program:** Computer Engineering

Course Title: Data Structures and Algorithms **Date Performed:** Aug 1, 2025

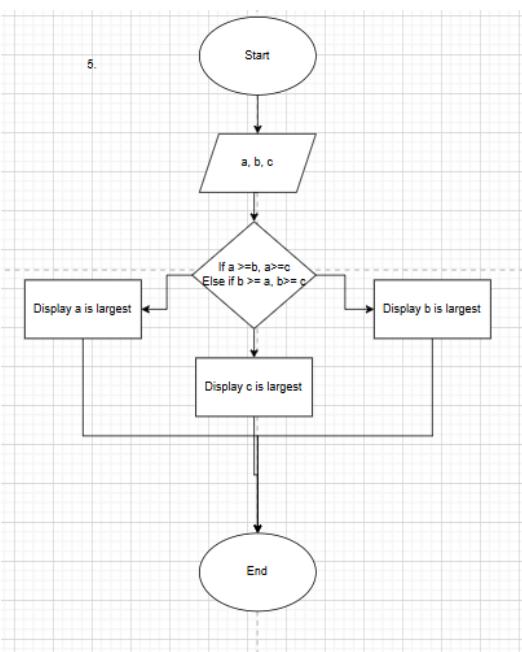
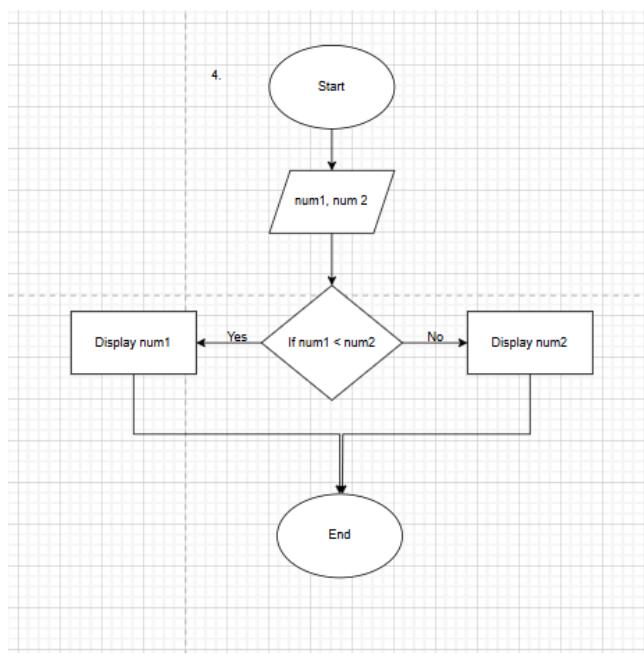
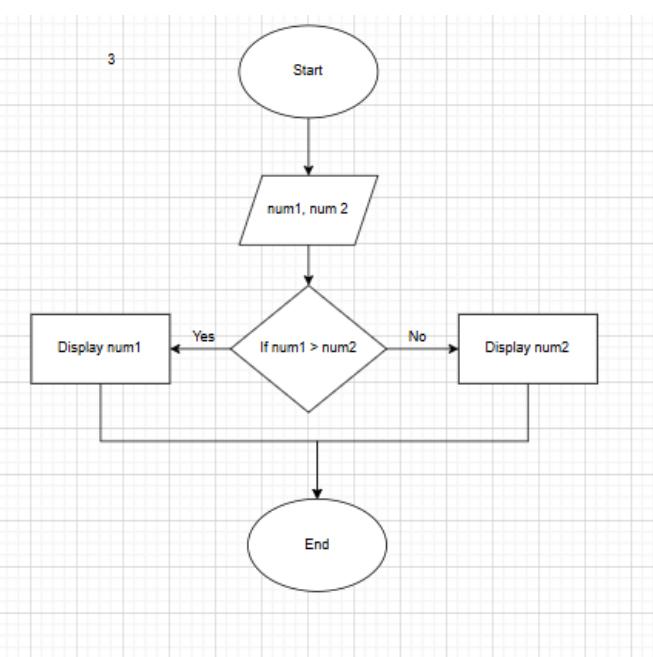
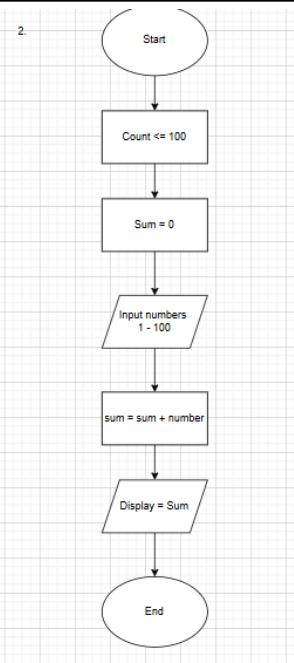
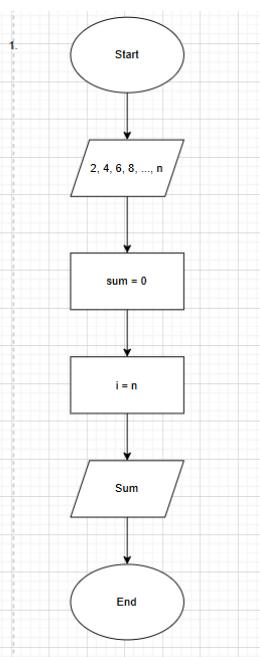
Section: CPE11S1 **Date Submitted:** Aug 1, 2025

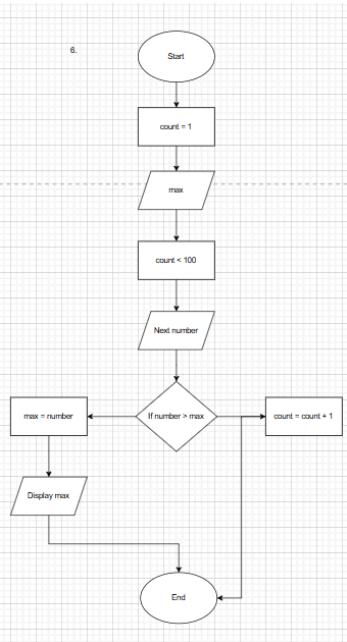
Name(s): Cenar, Marqui Joshua **Instructor:** Jimlord

6. Output



7. Supplementary Activity





8. Conclusion: I discovered that pseudocodes and flowcharts help me plan and understand how a program works before actually writing down the codes. Each step makes it easier to understand and acts as a guide for me to clearly see how the program works. I can avoid mistakes while making these as it serves as a practice before coding the real thing.

9. Assessment Rubric

| G SO 7 PI 3 | 6 pts | 5 pts | 4 pts | 3 pts | 2 pts | 1 pts | |
|--|---|---|---|--|--|--|-------|
| IILO4 Utilize lifelong learning skills in pursuit of personal development and excellence in professional practice. | Excellent Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions | Good Evaluate information from a variety of sources; formulates a clear and precise perspective. | Satisfactory Analyze information from a variety of sources; formulates a clear and precise perspective. | Unsatisfactory Apply the gathered information to formulate the problem | Poor Gather and summarized the information from a variety of sources but failed to formulate the problem | Very Poor Gather information from a variety of sources | |
| threshold: 4.8 pts | | | | | | | 6 pts |
| G SO 7 PI 4 | 6 pts Excellent Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue. | 5 pts Good Ideas are creative and adapt the new knowledge to solve a problem or address an issue | 4 pts Satisfactory Ideas are creative in solving a problem, or address an issue | 3 pts Unsatisfactory Shows some creative ways to solve the problem | 2 pts Poor Shows initiative and attempt to develop creative ideas to solve the problem | 1 pts Very Poor Ideas are copied or restated from the sources consulted | |
| threshold: 4.8 pts | | | | | | | 6 pts |