**Learner Assignment Submission Format**

**Learner Details**

* **Name:**
* **Enrollment Number:**
* **Batch / Class:**
* **Assignment: (Bridge Course Day 1)**
* **Date of Submission:**

**Problem Solving Activity 1.1**

**1. Program Statement**

Write the problem statement in your own words. Clearly define what the program is expected to do, including input and output requirements.

**2. Algorithm**

List the step-by-step procedure your program will follow to solve the problem. Use numbered steps to describe the logic clearly.

**3. Pseudocode**

Write the pseudocode representing your algorithm in a structured format. It should resemble the actual code structure but use plain language or programming logic.

**4. Program Code**

Write your complete program code here. Use proper indentation, comments, and meaningful variable and function names.

# Example (in Python)

def add(a, b):

return a + b

**5. Test Cases**

Present a table of test cases you used to validate your program. Include a mix of regular, boundary, and edge cases.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case No. | Input | Expected Output | Actual Output | Status (Pass/Fail) |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

**6. Screenshots of Output**

Paste or attach clear screenshots of your program’s output. Ensure they match the test cases and show successful or failed results as applicable.

**7. Observation / Reflection**

Reflect on your experience while working on this assignment. Consider answering the following:

* What challenges did you face?
* What did you learn from completing this task?
* What would you improve or do differently next time?

**Problem Solving Activity 1.2**

**Follow the same Structure as problem Solving Activity 1.1.**