CSE 1321 Fall 2019 – Pseudocode Submission Template

Step 1: Read the Problem-Solving Guide thoroughly. First, you have to understand the process. You must use this method to write the pseudocode for assignment 1 - pseudocode.

Step 2: Complete pseudocode part of your assignments based on the guide, use the following template to write your answers:

**Problem Statement:**

Your task is, without using a loop (which we haven’t covered yet), to write a program that asks the user for a number, then prints out the sum of 1 to that number.

**Solution Plan:**

1. CREATE int variable “n” to be used to store user input

2. PRINT "Enter a number: "

3. READ value from user and store in “n” variable

4. CREATE float variable “answer” to store calculation on line 5

5. STORE n / 2 \* (n + 1) in “answer”

6. PRINT "The sum of the numbers between 1 and “ + n + “ is ” + answer

**Execution:**

1. Create variable to store user input

2. Ask user for number and store into variable  
3. Calculate n / 2 \* (n + 1) and store in new variable answer

4. Display the results (answer)

**Evaluation:**

The program works as expected but problems may occur if values are not a number.

Step 3: Complete the evaluation below:

Q1: Did the pseudocode exercise help you to understand the requirements and solve the problem faster?

* Yes
* No
* Other

Q2: What did you like about this pseudocode guide and the iterative method of solving problems?

Your Response: I learn more about computer science principles.

Q3: What can be improved about this pseudocode guide?

Your response: More documentation on pseudocode writing.