

CSE 1321 Spring 2019 – Assignment 1 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 Assignment 1 - pseudocode based on the guide, use the following template to write your answers:

**The problem:**

**Problem 3 - Write a pseudocode algorithm that asks someone how old they are today, and display their current age. Then perform the calculation and display how old they will be in 20 years.**

**Initial Plan:**

**Read user age and print to screen. Add 20 to user age and print to screen**

**Execution and Evaluation:**

BEGIN MAIN

PRINT "Please enter your age"

READ userAge

futureAge  $\leftarrow$  userAge + 20

PRINT "You are", userAge, "years old. /n", "In 20 years, you will be", futureAge

END MAIN

**Revised Plan:**

**Simple program.**

**Execution and Evaluation:**

**Same program.**

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: Do you think that you could have fewer challenges with the assignments if this guide was introduced to you at the beginning of the semester?

- ☐ Yes
- ☐ No
- ☐ Other

Q3: What did you like about this pseudocode guide and the iterative method of solving problems?

Your Response:

Q4: What can be improved about this pseudocode guide?

Your response: