

Pre-Lab 2

Pre-Labs are **individual** assignments – **not** done in pairs. Their purpose is to prepare you for the next class discussion and lab activity by **reading the textbook**. *Reading is generally not considered as a pair activity.*

By writing your name below, you are pledging that the answers below are your own and not that of someone else.

Name: _____

Read Chapter 2 and answer the following study questions

1. What are the **four steps** used in the process of creating a computer program.
2. What is the purpose of a **visual storyboard**, as used in the animation film industry?
3. What is an **algorithm**? How does an algorithm relate to a **textual storyboard**?
4. Describe what is meant by the term **method**.
5. (a) Which control statement is used in Alice to create a block of instructions that will **occur in sequence** when the program is run?

(b) Which control statement is used in Alice to create a block of instructions that will **occur simultaneously** when the program is run?
6. (a) What is the purpose of a **set** instruction?

(b) How does one **create** a **set** instruction?
7. If Alice ignores **comments**, then **why** do we add comments to our programs?