Name: _____   Date: _____

Part 2: List "Create Task"

1. Provide a written response that does all four of the following:

    a. Describes the overall purpose of the program.

    > The overall purpose of the program is...

    b. Describes what functionality of the program.

    > The functionality of the program is...

    c. Describes the input and output of the program.

    > In this program, the input is…
    > The output of the program is…
    > *(Explain how different inputs can create different outputs)*

    d. Describes how the input affects the functionality of the program.

    > The input affects the functionality of the program because...

2. Capture and paste two **program code segments** you developed during the creation of this task that contain a list being used to manage complexity in your program.

    a. The first program code segment must show how data has been stored in the list.

    > Paste image here

    b. The second program code segment must show the data in the same list being used as part of fulfilling the program's purpose (such as creating new data from the existing data or accessing multiple elements in the list).

    > Paste image here

3. Then, provide a written response that does all three of the following:

    a. Identifies the name of the list being used in this response

    > The name of the list is...

    b. Describes what the data contained in the list represents in your program.

    > The data in the list contains...

    c. Explains how the selected list manages complexity in your program code by explaining why your program code could not be written, or how it would be written differently, if you did not use the list.

    > This list manages complexity because...