## 3a. Provide a written response that does all three of the following:

1. Describes the overall purpose of the program
2. Describes what functionality of the program is demonstrated in the video
3. Describes the input and output of the program demonstrated in the video

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## 3b. Capture and paste two program code segments you developed during the administration of this task that contain a list (or other collection type) being used to manage complexity in your program.

1. The first program code segment must show how data have been stored in the list.

**CODE GOES HERE**

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

**CODE GOES HERE**

1. Identifies the name of the list being used in the response
2. Describes what the data contained in the list represent in your program
3. 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.

## 3c. Capture and paste two program code segments you developed during the administration of this task that contain a student-developed procedure that implements an algorithm used in your program and a call to that procedure.

1. The first program code segment must be a student-developed procedure that:
   * Defines the procedure’s name and return type(if necessary)
   * Contains and uses one or more parameters that have an effect on the functionality of the procedure
   * Implements an algorithm that includes sequencing, selection, and iteration

**CODE GOES HERE**

1. The second program code segment must show where your student-developed procedure is being called in your program

**CODE GOES HERE**

1. Describes in general what the identified procedure does and how it contributes the overall functionality of the program
2. Explain in detailed steps how the algorithm implemented in the identified procedure works. Your explanation must be detailed enough for someone else to recreate it.

## 3d. Provide a written response that does all three of the following:

1. Describes two calls to the procedure identified in written response 3c. Each call must pass a different argument(s) that causes a different segment of code in the algorithm to execute.

**First Call**

**Second Call**

1. Describes what conditions(s) is being tested by each call to the procedure

**Condition(s) tested by the first call:**

**Condition(s) tested by the first call:**

1. Identifies the result of each call

**Result of the first call:**

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**Result of the second call:**