

2. Refer to your Personalized Project Reference when answering this question.

- A. Consider the first selection statement included in the Procedure section of your Personalized Project Reference. Identify the Boolean expression in this selection statement. Identify a specific value or set of values that will cause this expression to evaluate to `true`. Explain why the specified value(s) will cause the expression to evaluate to `true`.
- B. Consider the procedure included in part (i) of the Procedure section of your Personalized Project Reference. Suppose another programmer modifies the code within this procedure. Describe a modification the other programmer could make that would cause this procedure to have a logic error. Describe how the behavior of this procedure would change because of the error.
- C. Consider the list included in the List section of your Personalized Project Reference. Suppose another programmer adds several new elements to the end of the list. Explain how the code segment in part (ii) of the List section would need to be modified to account for the additional elements. If no changes to the code segment are necessary, explain why this is the case for your program.

**STOP**

**END OF EXAM**

2. Refer to your Personalized Project Reference when answering this question.

- A. Consider the first selection statement included in the Procedure section of your Personalized Project Reference. Identify the Boolean expression in this selection statement. Identify a specific value or set of values that will cause this expression to evaluate to `false`. Explain why the specified value(s) will cause this expression to evaluate to `false`.
- B. Consider the code segment in part (ii) of the List section of your Personalized Project Reference. Suppose another programmer modifies this code segment. Describe a modification the other programmer could make to this code segment that would result in a logic error. Explain why this modification would result in a logic error.
- C. Consider the procedure identified in part (i) of the Procedure section of your Personalized Project Reference. Describe the functionality provided by this procedure. Explain how implementing this functionality as a procedure results in your program being easier to maintain than if the functionality were not implemented as a procedure.

**STOP**

**END OF EXAM**