

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

- A.** Consider the first iteration statement in the Procedure section of your Personalized Project Reference. Identify the variable(s) that determine when the iteration statement stops iterating. Identify specific values for the variable(s) that will cause the iteration statement to stop. Explain why these value(s) would cause the iteration statement to stop. If there are no such variable(s) or specific value(s), explain how the iteration statement stops.
- B.** Consider the procedure included in part (i) of the Procedure section of your Personalized Project Reference. Another programmer is planning to use your procedure in a different program and wants to write some test cases to check whether it will work. Write a procedure call with specific argument(s) that your procedure will accept but will cause your procedure to behave incorrectly. Describe the incorrect behavior. Explain why the incorrect behavior occurs as a result of this call. If it is not possible for a call with accepted arguments to cause your procedure to behave incorrectly, explain why this is the case for your procedure.
- C.** Consider the list included in part (i) of the List section of your Personalized Project Reference. Explain how the list uses abstraction to manage complexity in your program. Suppose the list was not included in your program. Describe how you would need to adjust the code segment in part (ii) of the List section of your Personalized Project Reference so that it has the same behavior. If it is not possible to have the same behavior without the use of the list, explain why.

STOP
END OF EXAM