Test Bank for Programming with Microsoft Visual Basic 2017 8th Zak

Access Complete Test Bank for Programming with Microsoft Visual Basic 2017 8th Zak

Name:_____ Class:_____ Date:_____

Chapter 2 -- Planning Applications and Designing Interfaces

1. The first step in the planning phase of a programming solution is to sketch the user interface.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: 50
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-1 Planning a Windows Forms Application
DATE CREATED: 7/19/2017 6:57 AM
DATE MODIFIED: 7/19/2017 6:58 AM

2. In most cases, an identifying label should consist of one to three words only and appear on one line.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 53
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 6:58 AM
DATE MODIFIED: 7/19/2017 7:00 AM

3. The Windows standard is to use sentence capitalization for identifying labels.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 53
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:00 AM
DATE MODIFIED: 7/19/2017 7:01 AM

4. The text contained in a label control that identifies other control's contents should be right-aligned within the label, according to Windows standards.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: 53

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Chapter 2 -- Planning Applications and Designing Interfaces

QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:03 AM
DATE MODIFIED: 7/19/2017 7:03 AM

5. It is best to use black text on a white, off-white, or light gray background.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 54
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:04 AM
DATE MODIFIED: 7/19/2017 7:04 AM

6. A control's border is determined by its BorderStyle property.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 60
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: A-2 Design an Interface Using the Windows Standards
DATE CREATED: 7/19/2017 7:05 AM
DATE MODIFIED: 7/19/2017 7:05 AM

7. Even if none of a label control's events will be coded and it will not be referred to in code, you must give it a specific name.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: 61
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 7:05 AM
DATE MODIFIED: 7/19/2017 7:06 AM

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8. Access keys are not case sensitive.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 54
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 7:06 AM
DATE MODIFIED: 7/19/2017 7:07 AM

9. If you are going to include color in an interface, limit the number of colors to four, not including white, black, and gray.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: 54
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:07 AM
DATE MODIFIED: 7/19/2017 7:08 AM

10. Tab order is the order in which each control receives the focus when the user presses the Tab key.
   a. True
   b. False

ANSWER: True
POINTS: 1
REFERENCES: 63
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: A-5 Set the Tab Order
DATE CREATED: 7/19/2017 7:08 AM
DATE MODIFIED: 7/19/2017 7:09 AM

11. All controls have a TabIndex property.
   a. True
   b. False

ANSWER: False
POINTS: 1
REFERENCES: 55
QUESTION TYPE: True / False

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Chapter 2 -- Planning Applications and Designing Interfaces

HAS VARIABLES: False
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 7:20 AM
DATE MODIFIED: 7/19/2017 7:21 AM

12. Tab order is the order in which each control receives the focus when the user presses the Tab key.
    a. True
    b. False

ANSWER: True
POINTS: 1
REFERENCES: 63
QUESTION TYPE: True / False
HAS VARIABLES: False
OTHER: A-5 Set the Tab Order
DATE CREATED: 7/19/2017 7:23 AM
DATE MODIFIED: 7/19/2017 7:23 AM

13. Which of the following is the correct sequence of events when planning a windows form application?
    a. Identify the users' needs, draw a sketch of the user interface, identify the items that the user must provide, identify the items that the application must provide, determine how the user and the application will provide their respective items.
    b. Meet with the user, identify the items that the user must provide, identify the items that the application must provide, determine how the user and the application will provide their respective items.
    c. Draw a sketch of the user interface, meet with the user, identify the items that the user must provide, identify the items that the application must provide, determine how the user and the application will provide their respective items.
    d. Identify the application's purpose, identify the items that the user must provide, identify the items that the application must provide, determine how the user and the application will provide their respective items, draw a sketch of the user interface.

ANSWER: d
POINTS: 1
REFERENCES: 50
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 7:24 AM
DATE MODIFIED: 7/19/2017 7:25 AM

14. When an application is being designed for a company, Windows interface standards can be superseded by _____.
    a. the graphic designer
    b. usability standards
    c. the preference of the users
    d. the company's interface standards

ANSWER: d
POINTS: 1

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Chapter 2 -- Planning Applications and Designing Interfaces

REFERENCES: 52
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:26 AM
DATE MODIFIED: 7/19/2017 8:51 AM

15. The first step in planning a Windows Form application is to ____.
    a. draw a sketch of the user interface
    b. identify the items that the application must provide
    c. Identify the application's purpose
    d. Identify the items that the user must provide

ANSWER: c
POINTS: 1
REFERENCES: 50
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 7:28 AM
DATE MODIFIED: 7/19/2017 7:29 AM

16. The last step in planning a Windows Form application is to ____.
    a. draw a sketch of the user interface
    b. identify the objects to which tasks will be assigned
    c. identify the tasks the application needs to perform
    d. identify the event required to trigger an object to perform its assigned tasks

ANSWER: a
POINTS: 1
REFERENCES: 50
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 7:29 AM
DATE MODIFIED: 7/19/2017 7:31 AM

17. The number of different colors used on a form should be limited to ____ colors exclusive of black, white, and gray.
    a. two b. three
    c. four d. five

ANSWER: b
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

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Chapter 2 -- Planning Applications and Designing Interfaces

OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 7:31 AM
DATE MODIFIED: 7/19/2017 8:52 AM

18. A label control used to display output should use which of the following BorderStyle settings?
    a. FixedSingle b. Fixed3D
    c. No BorderStyle (None) d. Sizable
ANSWER: a
POINTS: 1
REFERENCES: 61
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 7:33 AM
DATE MODIFIED: 7/19/2017 8:52 AM

19. A label control's ____ property determines whether the control automatically sizes to fit its current contents.
    a. TextAlign b. Fit
    c. MiddleCenter d. AutoSize
ANSWER: d
POINTS: 1
REFERENCES: 60
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 8:15 AM
DATE MODIFIED: 7/19/2017 8:53 AM

20. The ____ property of a control is used to specify the position of the text within the control.
    a. AlignText b. Alignment
    c. Justify d. TextAlign
ANSWER: d
POINTS: 1
REFERENCES: 60
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 8:17 AM
DATE MODIFIED: 7/19/2017 8:19 AM

21. A ____ provides an area in the form for the user to enter data.
    a. TextBox b. label
    c. button d. CheckBox

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Chapter 2 -- Planning Applications and Designing Interfaces

ANSWER: a
POINTS: 1
REFERENCES: 62
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 8:54 AM
DATE MODIFIED: 7/19/2017 8:55 AM

22. An access key allows the user to select an object using the ____ key in combination with a letter or number.
a. Shift b. Tab
c. Alt d. Backspace
ANSWER: c
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 8:59 AM
DATE MODIFIED: 7/19/2017 9:01 AM

23. The character used to create an access key by inserting it into a text property is ____.
a. ˜ b. ^
c. & d. <
ANSWER: c
POINTS: 1
REFERENCES: 54,55
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 9:01 AM
DATE MODIFIED: 7/19/2017 9:04 AM

24. The ____ property determines the order in which each control receives the focus.
a. GetFocus b. PrevControl
c. NextControl d. TabIndex
ANSWER: d
POINTS: 1
REFERENCES: 55
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-4 Tab Index
DATE CREATED: 7/19/2017 9:04 AM

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DATE MODIFIED: 7/19/2017 9:07 AM

25. In Windows applications, pressing the ____ and Tab keys simultaneously will move the focus backward.

a. Shift b. Ctrl
c. Alt d. Ctrl+Shift

ANSWER: a
POINTS: 1
REFERENCES: 56
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 9:07 AM
DATE MODIFIED: 7/19/2017 9:09 AM

26. To employ an access key, press and hold down the ____ key as you tap the access key.

a. Scroll b. Backslash
c. Alt d. Tilde (˜)

ANSWER: c
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 9:13 AM
DATE MODIFIED: 7/19/2017 9:14 AM

27. The TabIndex value assigned to a text box's identifying label must be _____ for the text box's access key to work correctly.

a. equal to the value assigned to the text box itself
b. one number less than the value assigned to the text box itself
c. one number more than the value assigned to the text box itself
d. no greater than 10

ANSWER: b
POINTS: 1
REFERENCES: 56
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 9:16 AM
DATE MODIFIED: 7/19/2017 9:17 AM

28. The only controls that typically do not have access keys assigned to them in Windows applications are _____.

a. Exit and Cancel b. OK and Exit
c. OK and Next d. OK and Cancel

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ANSWER: d
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 9:18 AM
DATE MODIFIED: 7/19/2017 9:19 AM

29. You can tell whether a control has a TabIndex property by viewing its _____ list.
a. Properties b. Styles
c. Tabs d. Formatting
ANSWER: a
POINTS: 1
REFERENCES: 55
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 9:20 AM
DATE MODIFIED: 7/19/2017 9:21 AM

30. Each access key in an interface should be _____.
a. a vowel b. in alphabetical order
c. unique d. an integer
ANSWER: c
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 9:22 AM
DATE MODIFIED: 7/19/2017 9:23 AM

31. When designing an interface, you should use no more than _____ different font sizes.
a. One b. Two
c. Three d. Four
ANSWER: b
POINTS: 1
REFERENCES: 53
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
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Chapter 2 -- Planning Applications and Designing Interfaces

DATE MODIFIED: 7/19/2017 9:28 AM

32. The text contained in a label control that identifies another control's contents should be meaningful and _____ within the label.

a. right-aligned b. centered
c. left-aligned d. justified

ANSWER: c
POINTS: 1
REFERENCES: 53
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 9:28 AM
DATE MODIFIED: 7/19/2017 9:30 AM

33. Which of the following is not a commonly used property of a text box?

a. BackColor b. Multiline
c. ScrollBars d. Description

ANSWER: d
POINTS: 1
REFERENCES: 62
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-4 Add a Text Box to the Form
DATE CREATED: 7/19/2017 9:31 AM
DATE MODIFIED: 7/19/2017 9:35 AM

34. The text box property that specifies the color of the text inside the text box is called the ____ property.

a. ForeColor b. FontColor
c. TextColor d. CharacterColor

ANSWER: a
POINTS: 1
REFERENCES: 62
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-4 Add a Text Box to the Form
DATE CREATED: 7/19/2017 9:35 AM
DATE MODIFIED: 7/19/2017 9:38 AM

35. The label control property that specifies the color of the text inside a label is called the _____ property.

a. ForeColor b. FontColor
c. TextColor d. CharacterColor

ANSWER: a

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Chapter 2 -- Planning Applications and Designing Interfaces

POINTS: 1
REFERENCES: 60
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 9:38 AM
DATE MODIFIED: 7/19/2017 9:40 AM

36. Which of the following is not a commonly used property of a label control form?
a. LabelSize b. BorderStyle
c. TextAlign d. AutoSize
ANSWER: a
POINTS: 1
REFERENCES: 60
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 9:40 AM
DATE MODIFIED: 7/19/2017 9:42 AM

37. Use a ____ to display text that a user is not allowed to edit during run time.
a. label control b. text control
c. read-only command d. none of the above
ANSWER: a
POINTS: 1
REFERENCES: 51
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 9:42 AM
DATE MODIFIED: 7/19/2017 9:44 AM

38. Labels that display _____ typically have their AutoSize property set to False.
a. identities b. FAQs
c. commands d. program output
ANSWER: d
POINTS: 1
REFERENCES: 60
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 9:54 AM
DATE MODIFIED: 7/19/2017 9:56 AM

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39. Buttons are identified in an interface by their _____.

a. name b. title

c. caption d. ID

ANSWER: c
POINTS: 1
REFERENCES: 53
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 9:56 AM
DATE MODIFIED: 7/19/2017 9:58 AM

40. In a group of buttons, which button should appear first?

a. the one with the shortest caption b. they should be arranged alphabetically

c. the most commonly used d. the least commonly used

ANSWER: c
POINTS: 1
REFERENCES: 53
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 10:00 AM
DATE MODIFIED: 7/19/2017 10:01 AM

Case-Based Critical Thinking Questions

Case 1: BrainPower Tutoring

The owner of BrainPower Tutoring needs an application that clients can use to request an appointment. The application should allow users to enter their name, subject, preferred appointment time, and phone number, and submit their request. It should also allow them to print their appointment request, clear the screen, and exit the application. The tutoring center has some clients with visual impairments, so the application should be easy for them to use.

41. Your first step in developing the application is to ____.

a. draw a sketch of the user interface

b. identify that application's purpose

c. assemble the documentation

d. plan the application

ANSWER: b
POINTS: 1
REFERENCES: 50
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: Case 1

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Chapter 2 -- Planning Applications and Designing Interfaces

TOPICS: Critical Thinking
OTHER: F-1 Planning a Windows Forms Application
DATE CREATED: 7/19/2017 10:02 AM
DATE MODIFIED: 7/19/2017 10:05 AM

42. How many buttons do you need for the application?
a. one b. two
c. three d. four
ANSWER: d
POINTS: 1
REFERENCES: 51
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: Case 1
OTHER: F-1 Planning a Windows Forms Application
DATE CREATED: 7/19/2017 10:06 AM
DATE MODIFIED: 7/19/2017 10:07 AM

43. How many text boxes do you need for the application?
a. three b. four
c. five d. six
ANSWER: b
POINTS: 1
REFERENCES: 51
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: Case 1
OTHER: F-1 Planning a Windows Forms Application
DATE CREATED: 7/19/2017 10:08 AM
DATE MODIFIED: 7/19/2017 10:09 AM

44. Which of the following statements is true about the user interface?
a. The interface should be designed using black text on a white background.
b. The interface should include a text-to-speech reader.
c. The interface should use plenty of colors to appeal to young clients.
d. The interface should use a different font for each field to keep users from being confused.
ANSWER: a
POINTS: 1
REFERENCES: 55
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: Case 1
TOPICS: Critical Thinking

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Chapter 2 -- Planning Applications and Designing Interfaces

OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 10:10 AM
DATE MODIFIED: 7/19/2017 10:11 AM

45. Which of the following controls should receive access keys?
a. name
b. subject
c. phone number
d. all of the above

ANSWER: d
POINTS: 1
REFERENCES: 54
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: Case 1
TOPICS: Critical Thinking
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 10:12 AM
DATE MODIFIED: 7/19/2017 10:13 AM

46. List the five steps you should follow when planning a Windows Form application. Be sure to put the steps in the proper numeric order (1 through 5).

ANSWER:
1. Identify the application's purpose.
2. Identify the items that the user must provide.
3. Identify the items that the application must provide.
4. Determine how the user and the application will provide their respective items.
5. Draw a sketch of the user interface.

POINTS: 1
REFERENCES: 50
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 10:14 AM
DATE MODIFIED: 7/19/2017 10:14 AM

47. Describe how an interface should be organized according to the GUI guidelines covered in the book.

ANSWER: In Western countries, the user interface should be organized so that the information flows either vertically (top to bottom) or horizontally (left to right). Related controls should be grouped together using either white (empty) space or one of the tools located in the Containers section of the toolbox. When positioning the controls in the interface, place related controls close to each other and be sure to maintain a consistent margin from the edges of the form. Also, it is helpful to align the borders of the controls wherever possible to minimize the number of different margins appearing in the interface. Doing this allows the user to more easily scan the information.

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Chapter 2 -- Planning Applications and Designing Interfaces

POINTS: 1
REFERENCES: 52,53
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 10:15 AM
DATE MODIFIED: 7/19/2017 10:16 AM

48. What is sentence capitalization? How is it used in developing a user interface?
ANSWER: Sentence capitalization means you capitalize only the first letter in the first word and in any words that are customarily capitalized. The Windows standard is to use sentence capitalization for identifying labels on an interface.
POINTS: 1
REFERENCES: 53
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 10:16 AM
DATE MODIFIED: 7/19/2017 10:17 AM

49. Describe four GUI design tips that follow the Windows standards for the use of graphics, fonts, and color.
ANSWER: Any four can be used for the answer:
1. Use graphics sparingly. Make sure they are small and not distracting to the user.
2. Use only one font type (usually Segoe UI) for all of the text in the interface.
3. Use no more than two different font sizes in the interface.
4. Avoid use of italics and underlining.
5. Limit use of bold text to titles, headings, and key items that you want to emphasize.
6. Use black, white, and gray when building an interface. Only add color if there is a good reason to do so.
7. Use white, off-white, or light gray for the background. Use black for text.
8. Avoid using a dark color for the background or a light color for text.
9. Limit the number of colors in an interface to three. Make sure colors are complementary.
10. Never use any color as the only means of identification for an element in the interface.
POINTS: 1
REFERENCES: 53,54
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-2 Windows Standards for Interfaces
DATE CREATED: 7/19/2017 10:17 AM
DATE MODIFIED: 7/19/2017 10:18 AM

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Chapter 2 -- Planning Applications and Designing Interfaces

50. Explain how the BorderStyle property is used for label controls.

ANSWER: A label control specifies the setting of the BorderStyle property. Labels that display program output typically have their BorderStyle property set to FixedSingle. Identifying labels should have the default property setting (None).

POINTS: 1
REFERENCES: 60
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: A-3 Add a Label Control to the Form
DATE CREATED: 7/19/2017 10:18 AM
DATE MODIFIED: 7/19/2017 10:19 AM

51. What is an access key? What are three reasons access keys should be set in a Windows application?

ANSWER: An access key is an underlined letter in a control of an application. It allows the user to select an object using the Alt key in combination with a letter or number. Access keys are not case sensitive. In an interface, you should assign access keys to each control that can accept user input, such as text boxes and buttons. Access keys are important because they allow people with certain physical disabilities to interact with the application's interface.

POINTS: 1
REFERENCES: 54
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-3 Access Keys
DATE CREATED: 7/19/2017 10:19 AM
DATE MODIFIED: 7/19/2017 10:20 AM

52. What do the TabIndex values determine for the controls of an interface? What is the standard tab order for controls on an interface?

ANSWER: The TabIndex values determine the tab order of the controls, which is the order in which each control receives the focus when the user either presses the Tab key or employs an access key while an application is running. The TabIndex values begin with zero, and each subsequent control will receive the focus based on its TabIndex value. The standard tab order for controls of an interface is determined by whether or not a control accepts user input. Any control that accepts user input should be first; all other controls follow. If a control that accepts user input is identified by a label control, you include the label control first and then its related control.

POINTS: 1
REFERENCES: 55
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 10:20 AM

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Chapter 2 -- Planning Applications and Designing Interfaces

DATE MODIFIED: 7/19/2017 10:21 AM

53. Define "focus." How do "focus" and "tab order" relate to each other?

ANSWER: "Focus" is the order in which each control becomes active when the user either presses the Tab key or employs an access key while an application is running. A control whose TabIndex is 4 will receive the focus immediately after the control whose TabIndex is 3, and so on. When a control has the focus, it can accept user input.

POINTS: 1
REFERENCES: 55
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 10:21 AM
DATE MODIFIED: 7/19/2017 10:22 AM

54. What is a label control? What are two requirements for the text contained in a label control? Should a label control's identifying key include an access key? Why or why not?

ANSWER: A label control is used in an interface to display text that the user is not allowed to edit during run time, such as text that identifies other controls and text that represents the results of a calculation. The text contained in a label control that identifies another control's contents should be meaningful and left-aligned within the label. Users cannot access label controls, so it is inappropriate to include an access key in their identifying labels.

POINTS: 1
REFERENCES: 51
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-1 Planning a Windows Form Application
DATE CREATED: 7/19/2017 10:22 AM
DATE MODIFIED: 7/19/2017 10:23 AM

55. Explain how to set the tab order in an application.

ANSWER: To set the tab order, use the Tab Order option on the View menu to display the TabIndex boxes. (The Tab Order option is available only when the designer is the active window.) Set each control's TabIndex box to a number (starting with 0) that represents the order in which the control should receive the focus.

POINTS: 1
REFERENCES: 55
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-4 Tab Order
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Chapter 2 -- Planning Applications and Designing Interfaces

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56. Complete the "How?" column of the planning chart.

	How?
User-Provided	
1. Sales amount	
Application-Provided	
1. 5% sales tax	
2. Total due	
3. Button for ending the application	

ANSWER:

	How?
User-Provided	
1. Sales amount	User will enter in textSales
Application-Provided	
1. 5% sales tax	btnCalc_Click will calculate and display in lblTax
2. Total due	btnCalc_Click will calculate and display in lblTotal
3. Button for ending the application	btnExit_Click will end the application

POINTS: 1
REFERENCES: 59
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: A-2 Design an Interface Using the Windows Standards
DATE CREATED: 7/19/2017 10:26 AM
DATE MODIFIED: 7/23/2017 6:54 AM

57. If a text box's TabIndex value is the number 10, what TabIndex value should its identifying label have and why?

ANSWER: The identifying label's TabIndex value should be 9. This is necessary for a text box's access key to work correctly.
POINTS: 1
REFERENCES: 56,57
QUESTION TYPE: Essay
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
OTHER: F-4 Tab Order
DATE CREATED: 7/19/2017 10:27 AM
DATE MODIFIED: 7/19/2017 10:28 AM

58. What access key should be used for an Exit button? Why?

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ANSWER:	The access key should be X because X provides a more meaningful association with "Exit" than the letter E does.
POINTS:	1
REFERENCES:	99
QUESTION TYPE:	Essay
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
OTHER:	F-3 Access Keys
DATE CREATED:	7/19/2017 10:28 AM
DATE MODIFIED:	7/19/2017 10:29 AM

59. What are the guidelines for selecting the fonts to be used in an interface?

ANSWER:	You should only use one font type for all of the text in the interface, and no more than two different font sizes. Avoid using italics and underlining in an interface. The use of bold should be limited to titles, headings, and key items that you want to emphasize.
POINTS:	1
REFERENCES:	53
QUESTION TYPE:	Essay
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
OTHER:	F-2 Windows Standards for Interfaces
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