

Quizlet

chapter 4 and 5 test study guide

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STUDY



Flashcards



Learn



Write



Spell



Test

PLAY



Match



liljonatl187

Terms in this set (52)

Which of the following code segments assigns the string "Great Year" to a label named

```
If sngSales >= 50000 Then  
    lblMessage.Text = "Great Year"  
End If
```



lblMessage when the value in the variable sngSales is either greater than 50,000, or equal to 50,000?

Suppose you want to determine whether a variable, sngPayAmount, is between 1200 and 1400, inclusively. If it is, you want to set lblMessage text to "Pay amount is in the range". Which of the following code segments will accomplish this?

```
If sngPayAmount >=1200 And  
sngPayAmount <=1400 then  
    lblMessage.Text = "Pay amount is in the  
    range"  
End If
```



Visual Basic uses values to represent characters such as A, B, and C in memory

Unicode



Suppose you want to check that the user has entered a value into a text box named txtBox. Your code should respond with an appropriate message if the user does not enter a value. Which of the following code segments does this?

```
If txtBox.text = " " Then  
    MessageBox.Show("No data has been  
    entered")  
End If
```



To convert a copy of a String to all uppercase letters, use the method of the String object.

ToUpper



Which of the following functions accepts a String as its argument and returns True if the string contains only numeric digits?

IsNumeric



Which of the following statements removes the spaces at the end of a String named strAddress and assigns the result to label lblAddress?

lblAddress.Text = strAddress.TrimEnd()



What value is assigned to the variable strSnip when the following statements execute?
Dim strSnip As String
Dim strFullString As String = "Washington"
strSnip = strFullString.Substring(7, 3)

"ton"



What value will be assigned to intIndex when the following statements execute?
Dim strTarget As String =

-1



```
"a;dsakfljfdgasldfjdl"  
Dim intIndex =  
strTarget.IndexOf("XXY")
```

The first character in a string has an index of .

0



You display a message box with the method.

MessageBox.Show



The ____ keyword is required to use relational operators in a Case statement.

Is



Because only one radio button in a group can be selected at any given time, they are said to be

mutually exclusive



The class-level variables must be declared outside any procedure, and between the statement and the statement. (brackets [] indicate optional keywords)

[Public] Class, End Class



What value is assigned to sngTaxes by the following program

12000



segment, assuming that
the user enters 60000
into the textbox?

```
Dim sngSalary As Single  
= 0
```

```
Dim sngTaxes As Single =  
0
```

```
sngSalary =
```

```
CSng(txtSalary.Text)
```

```
If (sngSalary > 50000)
```

```
Then
```

```
sngTaxes = .40 *
```

```
sngSalary
```

```
End If
```

```
If (sngSalary > 40000)
```

```
Then
```

```
sngTaxes = .30 *
```

```
sngSalary
```

```
End If
```

```
If (sngSalary > 30000)
```

```
Then
```

```
sngTaxes = .20 *
```

```
sngSalary
```

```
Else
```

```
sngTaxes = .10 *
```

```
sngSalary
```

```
End If
```

Given that boolean
expressions A is True and
boolean expression B is
False, what is the value
of the following logical
expression?

False



What is assigned to
lblMessage.Text when
the following code
segment executeds?
Dim strName1 As String =
"Jim"
Dim strName2 As String
= "John"
If strName1 > strName2
Then
lblMessage.Text = "Jim is
greater"
Else
lblMessage.Text = "John
is greater"
End If

John is greater



What value is assigned
to the String variable
strSecond when the
following code is
executes?
Dim strFirst As String
Dim strSecond As String
strFirst = "1 2 3 Button My
Shoe"
strSecond =
strFirstName.ToUpper()

"1 2 3 BUTTON MY SHOE"



Identify the correct
Select Case statement
that checks the value of
a variable intMyNum and
assigns a value using the
following guidelines:

Select Case intMyNum
Case 1, 7, 15
intMyNum += 100
Case 2, 9, 21
intMyNum += 150
Case 3, 6, 13



value 1 or 7 or 15 add 100
to the variable
value 2 or 9 or 21 add
150 to the variable
value 3 or 6 or 13 add
200 to the variable
none of the above set
txtOutput.Text to
"Cannot find it"

```
intMyNum += 200  
Case else  
txtOutput.Text = "Cannot find it"  
End Case
```

Which correction to the
following code would fix
the syntax error:

```
1: If intScore < 80 Then  
2: strGrade = "C"  
3: Else intScore > 80  
Then  
4: strGrade = "A"
```

none of the above are correct



What value will be
assigned to strGrade
when intScore equals
85?

```
If intScore > 60 Then  
strGrade = "Passed"  
Elseif intScore > 70 Then  
strGrade = "Your mother  
still loves you"  
Elseif intScore > 80 Then  
strGrade = "Your parents  
would be Proud"  
Elseif intScore > 90 Then  
strGrade = "Your family is  
proud of you"  
End If
```

Passed



Which is NOT true of a class-level variable?

it can be declared outside a procedure



Which statement tests the value of an expression once and then uses that value to determine the result?

Select Case ... Case Else



Which of the following functions converts a string to an Integer?

CInt



Which is a correct way to call the method that displays a message box?

answers a and b are both correct



Which of the following controls and methods provides a simple way to gather input from the user at runtime without placing a text box on a form?

InputBox



The data in a ListBox is stored in the _____ property

Items



To get the number of items stored in a ListBox,

Items.Count



you use the ____

property.

The first item in a ListBox
has an index of _____

0



Setting this property to
True will put the items in
a ListBox into
alphabetical order.

Sorted



This method will erase all
the items in a ListBox.

Items.Clear



If a For Next loop begins
with the following
statement, what is the
purpose of the Step
clause?

For intX = 1 to 100 Step 5

To increment the loop control variable
intX by 5 each time the loop repeats



What is the difference in
the execution of the Do
Until Loop (first example)
and the Do Loop Until
(second example)?

' First Example

sngPayAmount = 400

Do Until sngPayAmount
> 150

' Processing Steps

sngPayAmount =

sngPayAmount - 50

Loop

The first loop will not execute.



```
'Second Example  
sngPayAmount = 400  
Do  
' Processing Steps  
sngPayAmount =  
sngPayAmount - 50  
Loop Until  
sngPayAmount > 150
```

What is wrong with the following code?

```
Dim intIndex As Integer  
For intIndex = 5 To 1  
ListBox.Items.Add(intIndex )  
Next
```

You need to specify a negative step value in order to execute the loop.



What value is assigned to lblSum.Text by the following code ?

```
Dim intTotal As Integer =  
0  
For intOuter = 1 To 3  
For intInner = intOuter To  
3  
intTotal += intOuter *  
intInner  
Next  
Next  
lblSum.Text =  
intTotal.ToString()
```

25



Which code example will calculate the number of checked items in a

```
Dim intIndex As Integer  
Dim intCheckedMovies As Integer = 0  
For intIndex = 0 To
```



CheckedListBox named
clbMovieNames,and
store the number in
intCheckedMovies?

```
clbMovieNames.Items.Count - 1  
If  
clbMovieNames.GetItemChecked(intIndex  
) = True Then  
intCheckedMovies += 1  
End If  
Next
```

All of the following are
valid ComboBox style
properties, except

List Combo Box



A control's event is
triggered just before the
focus shifts to another
control whose
CausesValidation
property is set to true.

Validating



Which property
determines the amount
of time, in milliseconds,
that elapses between the
user pointing the mouse
at a control and the tool
tip text's appearance?

InitialDelay



Which standard Visual
Basic function returns
the periodic payment
amount for a loan?

Pmt



How can you cause
scroll bars to appear in a

Visual Basic will automatically add a scroll
bar to the ListBox when it contains more



ListBox at runtime?

items than can be displayed.

Which statement about the ListBox.Add method is true?

It will always put the item at the end of the list.



Suppose you would like your code to perform several tasks: Use a For loop with an InputBox to prompt the user four times for the cost of a T-shirt; calculate a 25% discount for each value; and display the discounted shirt prices in ListBox lstResult. Which of the following code segments correctly performs these tasks?

```
Dim intIndex As Integer
Dim sngCost, sngDiscountPrice As Single

For intIndex = 1 To 4
    sngCost = CSng(InputBox("Enter the cost of shirt " & intIndex))
    sngDiscountPrice = sngCost * 0.75
    lstResult.Items.Add(sngDiscountPrice)
Next
```



Which of the following code fragments calculates the average of 5 numbers input with an input box, and displays the result in lblResult?

```
intCount = 0
intSum = 0
Do While intCount < 5
    intValue = CInt(InputBox("enter a number"))
    intSum = += intValue
    intCount += 1
Loop
sngAvg = intSum / 5
lblResult.Text = sngAvg.ToString()
```



A counter is a _____ that can be incremented

variable



or decremented each
time a loop runs.

Which type of loop
repeats as long as its
loop condition remains
True?

Do ... While



ToolTip is a _____
that allows the user to
create a small popup
message that displays
when the user places the
mouse over a control.

control



Validation checks for all
of the following except:

correct spelling of names



Which statement is True
in regard to the
following code?

```
intCount = 0
```

```
Do While intCount < 10
```

```
lstOutput.Items.Add
```

```
("Good Job")
```

```
Loop
```

The loop will never stop.



How many times will the
message be displayed?

```
Dim intCount As Integer
```

```
= 0
```

```
Do
```

```
lstOutPut.Items.Add ("I
```

```
love Visual Basic")
```

It will display once



intCount += 1

Loop While intCount > 10
Which type of loop uses
a pretest to initialize a
counter variable and
then increment the
counter variable at the
end of each iteration?

The For ... Next Loop



A difference between a
ListBox and a drop-
down style ComboBox is
_____.

a ComboBox allows the user to enter text
other than what is already in the List



THIS SET IS OFTEN IN FOLDERS WITH...

Visual Basic Midterm

100 terms

stasiak02

Visual Basic Chapter 8

18 terms

kbmayberry501

Chapter 4 True or False

10 terms

Tri21424

Visual Basic Chapter 4

37 terms

kbmayberry501