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EXERCISES 4.3

In Exercises 1 through 6, for each of the responses shown in the parentheses, determine the output displayed in the text box when the button is clicked on.

```
1. Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim age, price As Double
    age = CDb1(InputBox("What is your age?"))
    Select Case age
        Case Is < 6
            price = 0
        Case 6 To 17
            price = 3.75
        Case Is >= 17
            price = 5
    End Select
    txtOutput.Text = "The price is " & price.ToString("C")
End Sub
```

(8.5, 17)

```
2. Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim num As Double
    num = CDb1(InputBox("Enter a number from 5 to 12"))
    Select Case num
        Case 5
            txtOutput.Text = "case 1"
        Case 5 To 7
            txtOutput.Text = "case 2"
        Case 7 To 12
            txtOutput.Text = "case 3"
    End Select
End Sub
```

(7, 5, 11.2)

```
3. Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
    Dim age As Integer
    age = CInt(InputBox("Enter age (in millions of years)"))
    Select Case age
        Case Is < 70
            txtOutput.Text = "Cenozoic Era"
        Case Is < 225
            txtOutput.Text = "Mesozoic Era"
        Case Is <= 600
            txtOutput.Text = "Paleozoic Era"
        Case Else
            txtOutput.Text = "?"
    End Select
End Sub
```

(100, 600, 700)

