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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 = CDbl(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 = CDbl(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)

