```vb
1  Imports System.Diagnostics.Metrics
2  Imports System.Windows.Forms.VisualStyles.VisualStyleElement
3
4  Public Class Form1
5
6      Dim correct As Boolean = False
7      Dim health As Integer = 4
8
9      Structure question
10
11         Dim asked As String
12         Dim right As String
13         Dim wrong() As String
14
15     End Structure
16
17     Dim questions(4) As question
18     Private Sub setHealth(number As Integer)
19
20         health = health + number
21
22     End Sub
23
24     Private Sub answer(right As Boolean)
25
26
27         correct = right
28
29         If correct = True And health < 4 Then
30
31             setHealth(1)
32
33             MsgBox("correct! health is " & health)
34
35         ElseIf correct = True And health = 4 Then
36
37             setHealth(0)
38
39             MsgBox("correct! health is " & health)
40
41         ElseIf correct = False Then
42
43             MsgBox("incorrect. health is " & health)
44
45         End If
46
47     End Sub
48
49     Private Sub Button1_Click(sender As Object, e As EventArgs) Handles ⮧
           Button1.Click
50
51
52         Dim q(4) As String
```

```vb
53          Dim chosen As Integer
54          Dim entered As Char
55          Dim correct1 As Integer
56
57
58          q(0) = "what is 2+2?"
59          q(1) = "what is 3+5"
60          q(2) = "what is 3+2"
61          q(3) = "what is 9-6"
62          q(4) = "what is 6-5"
63
64          For i = 0 To 4
65
66              questions(i).wrong = {0, 0, 0}
67              questions(i).asked = q(i)
68
69          Next
70
71          questions(0).right = 4
72          questions(0).wrong(0) = 1
73          questions(0).wrong(1) = 5
74          questions(0).wrong(2) = 3
75
76          questions(1).right = 8
77          questions(1).wrong(0) = 9
78          questions(1).wrong(1) = 2
79          questions(1).wrong(2) = 4
80
81          questions(2).right = 5
82          questions(2).wrong(0) = 1
83          questions(2).wrong(1) = 2
84          questions(2).wrong(2) = 7
85
86          questions(3).right = 3
87          questions(3).wrong(0) = 1
88          questions(3).wrong(1) = 5
89          questions(3).wrong(2) = 3
90
91          questions(4).right = 1
92          questions(4).wrong(0) = 0
93          questions(4).wrong(1) = 6
94          questions(4).wrong(2) = 9
95
96          For counter = 0 To 4
97
98              correct1 = Rnd() * 4
99
100             If correct1 = 0 Then
101                 entered = InputBox(questions(counter).asked & " a is "
                        & (questions(counter).right) & " b is " & (questions
                        (counter).wrong(0)) & " c is " & (questions
                        (counter).wrong(1)) & " d is " & (questions
                        (counter).wrong(2)))
```

```vb
102
103
104             ElseIf correct1 = 1 Then
105                 entered = InputBox(questions(counter).asked & " a is " ⮠
                        & (questions(counter).right) & " b is " & (questions ⮠
                        (counter).wrong(0)) & " c is " & (questions ⮠
                        (counter).wrong(1)) & " d is " & (questions ⮠
                        (counter).wrong(2)))
106
107
108             ElseIf correct1 = 2 Then
109                 entered = InputBox(questions(counter).asked & " a is " ⮠
                        & (questions(counter).right) & " b is " & (questions ⮠
                        (counter).wrong(0)) & " c is " & (questions ⮠
                        (counter).wrong(1)) & " d is " & (questions ⮠
                        (counter).wrong(2)))
110
111
112             ElseIf correct1 = 3 Then
113
114                 entered = InputBox(questions(counter).asked & " a is " ⮠
                        & (questions(counter).right) & " b is " & (questions ⮠
                        (counter).wrong(0)) & " c is " & (questions ⮠
                        (counter).wrong(1)) & " d is " & (questions ⮠
                        (counter).wrong(2)))
115
116             End If
117
118
119             If entered = "a" Then
120                 chosen = 0
121             ElseIf entered = "b" Then
122                 chosen = 1
123             ElseIf entered = "c" Then
124                 chosen = 2
125             ElseIf entered = "d" Then
126                 chosen = 3
127
128             End If
129
130
131         If chosen = correct1 Then
132
133             answer(True)
134
135         Else answer(False)
136
137             End If
138
139         Next
140
141
142
```

```vb
143        End Sub
144
145        Private Sub Form1_Load(sender As Object, e As EventArgs) Handles ⮡
              MyBase.Load
146
147        End Sub
148 End Class
149
```