

ExcelVBA **実技** 問題集 全64問 解答

注意：ここに載っている以外にも様々な別の答えが存在するので、自分の答えが正解かどうか先生に確認しよう。

第1章 シート上でVBA入門

問題1

```
Range("A1:C3").Select
```

問題2

```
Range("A1,B2:C3").Select
```

問題3

```
Range("A1").Value = "hello"  
Range("B2").Value = "VBA"  
Range("C2").Value = "World!"
```

問題4

```
If Range("A1").Value >= 70 Then  
    MsgBox "合格"  
Else  
    MsgBox "不合格"  
End If
```

問題5

```
If Range("a1").Value >= 80 Then  
    MsgBox "合格！素晴らしい"  
ElseIf Range("a1").Value >= 50 Then  
    MsgBox "合格"  
Else  
    MsgBox "不合格"  
End If
```

問題6

```
If Range("a1").Value >= 80 And Range("b1").Value >= 70 Then  
    MsgBox "合格"  
Else  
    MsgBox "不合格"  
End If
```

問題7

```
If Range("a1").Value >= 70 Or Range("b1").Value >= 70 Then  
    MsgBox "合格"  
Else  
    MsgBox "不合格"  
End If
```

問題8

```
If Range("a1").Value > Range("b1").Value Then
    MsgBox Range("a1").Value
Else
    MsgBox Range("b1").Value
End If
```

問題9

```
If Range("a1").Value > Range("b1").Value Then
    MsgBox Range("a1").Value
ElseIf Range("a1").Value < Range("b1").Value Then
    MsgBox Range("b1").Value
Else
    MsgBox "同じ数値です"
End If
```

問題10

```
If Range("a1").Value = Range("b1").Value And Range("b1").Value = Range("c1").Value Then
    Range("a3").Value = "大当たり"
Else
    Range("a3").Value = "はずれ"
End If
```

問題11

```
Dim atai1 As Integer, atai2 As Integer, atai3 As Integer
atai1 = Range("a1").Value
atai2 = Range("b1").Value
atai3 = Range("c1").Value
If atai1 = atai2 And atai2 = atai3 Then
    Range("a3").Value = "大当たり"
ElseIf atai1 = atai2 Or atai2 = atai3 Or atai1 = atai3 Then
    Range("a3").Value = "当たり"
Else
    Range("a3").Value = "はずれ"
End If
```

第2章 シート上でVBA応用

問題1

```
Select Case Range("a1").Value
  Case 5
    Range("a2").Value = "秀"
  Case 4
    Range("a2").Value = "優"
  Case 3
    Range("a2").Value = "良"
  Case 2
    Range("a2").Value = "可"
  Case Else
    Range("a2").Value = "不可"
End Select
```

問題2

```
Select Case Range("a1").Value
  Case "りんご"
    Range("a2").Value = "apple"
  Case "みかん"
    Range("a2").Value = "orange"
  Case "ばなな"
    Range("a2").Value = "banana"
  Case Else
    Range("a2").Value = "?"
End Select
```

問題3

```
Select Case Range("a1").Value
  Case 1
    Range("a2").Value = "水"
  Case 11, 12
    Range("a2").Value = "お茶"
  Case 21, 22, 23
    Range("a2").Value = "ジュース"
  Case Else
    Range("a2").Value = "その他"
End Select
```

問題4

```
Select Case Range("a1").Value
  Case 0 To 5
    Range("a2").Value = "特賞"
  Case 6 To 15
    Range("a2").Value = "旅行券"
  Case 16 To 30
    Range("a2").Value = "商品券"
  Case Else
    Range("a2").Value = "はずれ"
End Select
```

問題5

```
Select Case Range("A1").Value
  Case Is >= 100
    Range("A2").Value = "大当たり"
  Case 60 To 99
    Range("A2").Value = "当たり"
  Case 40 To 59
    Range("A2").Value = "もう1回"
  Case Else
    Range("A2").Value = "はずれ"
End Select
```

問題6

```
Select Case Int(Rnd * 5) + 1
  Case 1
    MsgBox "大吉"
  Case 2
    MsgBox "中吉"
  Case 3
    MsgBox "小吉"
  Case 4
    MsgBox "吉"
  Case Else
    MsgBox "凶"
End Select
```

問題7

```
Dim i As Integer
For i = 1 To 3 Step 1
  MsgBox CStr(i) & "回目の表示です"
Next i
```

問題8

```
Dim i As Integer
For i = 1 To Range("A1").Value Step 1
  MsgBox CStr(i) & "回目の表示です"
Next i
```

問題9

```
Dim i As Integer
For i = 1 To 10 Step 1
  Cells(i, 1).Value = "こんにちは"
Next i
```

問題10

```
Dim i As Integer
For i = 1 To 10 Step 1
  Cells(i, 1).Value = i
Next i
```

問題1 1

```
Dim i As Integer
For i = 1 To 10 Step 1
    Cells(i, 1).Value = 11 - i
Next i
```

問題1 2

```
Dim i As Integer
For i = 1 To 10 Step 1
    Cells(i, 1).Value = i * 100
Next i
```

問題1 3

```
Dim tate As Integer
Dim yoko As Integer
For tate = 1 To 9 Step 1
    For yoko = 1 To 9 Step 1
        Cells(tate, yoko).Value = tate * yoko
    Next yoko
Next tate
```

問題1 4

```
Dim kazu As Integer
kazu = 1
Do While kazu < 11
    Cells(kazu, 1).Value = kazu
    kazu = kazu + 1
Loop
```

問題1 5

```
Dim kazu As Integer
Dim tate As Integer
kazu = 5
tate = 1
Do While tate < 11
    Cells(tate, 1).Value = kazu
    kazu = kazu + 100
    tate = tate + 1
Loop
```

問題1 6

```
Dim kazu As Integer
kazu = 1
Do Until kazu > 10
    Cells(kazu, 1).Value = kazu
    kazu = kazu + 1
Loop
```

第3章 ユーザーフォームでVBA入門

問題1

```
Option Explicit
Private Sub CommandButton1_Click()
Label2.Visible = True
End Sub
Private Sub CommandButton2_Click()
Label2.Visible = False
End Sub
```

問題2

```
Option Explicit
Private Sub CommandButton1_Click()
MsgBox ("ニヤーニヤー")
End Sub
Private Sub CommandButton2_Click()
MsgBox ("にゃんにゃん")
End Sub
```

問題3

```
Option Explicit
Private Sub CommandButton1_Click()
MsgBox ("敵を倒した!")
MsgBox ("ゲームクリアです。おめでとう!")
End
End Sub
Private Sub CommandButton2_Click()
MsgBox ("無事逃げることができた")
End
End Sub
```

問題4

```
Option Explicit
Private Sub CommandButton1_Click()
Dim suu1 As Integer, suu2 As Integer, kekka As Integer
suu1 = Val(TextBox1.Text)
suu2 = Val(TextBox2.Text)
kekka = suu1 + suu2
Label1.Caption = Format(kekka, "¥¥#,##0")
End Sub
Private Sub CommandButton2_Click()
Dim suu1 As Integer, suu2 As Integer, kekka As Integer
suu1 = Val(TextBox1.Text)
suu2 = Val(TextBox2.Text)
kekka = suu1 * suu2
Label1.Caption = Format(kekka, "¥¥#,##0")
End Sub
```

問題5

```
Option Explicit
Dim namae As String
Private Sub CommandButton1_Click()
namae = InputBox("名前を入力して下さい")
End Sub
Private Sub CommandButton2_Click()
MsgBox ("あなたの名前は " & namae & " です")
End Sub
```

問題6

```
Option Explicit
Dim namae As String

Private Sub CommandButton1_Click()
namae = InputBox("名前を入力して下さい")
End Sub

Private Sub CommandButton2_Click()
If namae = "" Then
MsgBox ("名前の設定をして下さい")
Else
MsgBox ("あなたの名前は " & namae & " です")
End If
End Sub
```

問題7

```
Option Explicit
Dim zei As Single

Private Sub UserForm_Initialize()
zei = 0.08
End Sub

Private Sub CommandButton1_Click()
Dim suu As Long, kin As Long
suu = Val(TextBox1.Text)
kin = suu * 100
kin = kin * (1 + zei)
Label1.Caption = Str(kin)
End Sub

Private Sub CommandButton2_Click()
Dim suu As Long, kin As Long
suu = Val(TextBox1.Text)
kin = suu * 90
kin = kin * (1 + zei)
Label1.Caption = Str(kin)
End Sub
```

問題8

```
Option Explicit

Private Sub CommandButton1_Click()
Dim ten As Integer
ten = Val(InputBox("得点を入力して下さい"))
If ten = 100 Then
MsgBox ("満点です！おめでとう")
ElseIf ten >= 70 Then
MsgBox ("優秀です")
ElseIf ten >= 40 Then
MsgBox ("まあまあです")
Else
MsgBox ("再テストです")
End If
End Sub
```

問題9

```
Option Explicit
Private Sub CommandButton1_Click()
Dim suu As Long
Dim kin As Long
suu = Val(TextBox1.Text)
If suu >= 100 Then
    kin = suu * 120 * 0.9
Else
    kin = suu * 120
End If
Label1.Caption = Format(kin, "¥¥#,##0")
End Sub
```

問題10

```
Option Explicit
Private Sub CommandButton1_Click()
Dim nin As Long
Dim sei As String
Dim kin As Long
nin = Val(TextBox1.Text)
sei = TextBox2.Text
If sei = "男" Then
    kin = nin * 1200
ElseIf sei = "女" Then
    kin = nin * 1080
Else
    MsgBox ("性別に「男」か「女」を入力して下さい")
End If
Label1.Caption = Format(kin, "¥¥#,##0")
End Sub
```

問題11

```
Option Explicit
Private Sub CommandButton1_Click()
Dim kaitou As String
kaitou = TextBox1.Text
If kaitou = "morning" Then
    MsgBox ("大当たり")
Else
    MsgBox ("はずれ")
End If
End Sub

Private Sub CommandButton2_Click()
End
End Sub
```


問題12

```
Option Explicit
Private Sub CommandButton1_Click()
Dim a As Integer, b As Integer, kei As Integer
a = Val(TextBox1.Text)
b = Val(TextBox2.Text)
kei = a + b
Select Case kei
Case 4
Label1.Caption = "秀"
Case 3
Label1.Caption = "優"
Case 2
Label1.Caption = "良"
Case 1
Label1.Caption = "可"
Case Else
Label1.Caption = "不可"
End Select
End Sub
```

問題13

```
Option Explicit
Private Sub CommandButton1_Click()
Randomize
Dim omikuji As Integer
Dim kekka As String
omikuji = Int(Rnd * 6) + 1
Select Case omikuji
Case 1
kekka = "大吉"
Case 2
kekka = "吉"
Case 3
kekka = "中吉"
Case 4
kekka = "小吉"
Case 5
kekka = "凶"
Case Else
kekka = "大凶"
End Select
MsgBox (kekka)
End Sub
```

問題14

【For ~ Next を使う場合】

```
Option Explicit
Private Sub UserForm_Initialize()
Dim i As Integer
For i = 1 To 10
    Label1.Caption = Label1.Caption & "あ "
Next i
End Sub
```

【Do ~ While を使う場合】

```
Option Explicit
Private Sub UserForm_Initialize()
Dim i As Integer
i = 1
Do While i < 11
    Label1.Caption = Label1.Caption & "あ "
    i = i + 1
Loop
End Sub
```

問題15

【For ~ Next を使う場合】

```
Option Explicit
Private Sub UserForm_Initialize()
Dim i As Integer
For i = 1 To 5
    Label1.Caption = Label1.Caption & "あ " & Chr(13) & Chr(10)
Next i
End Sub
```

【Do ~ While を使う場合】

```
Option Explicit
Private Sub UserForm_Initialize()
Dim i As Integer
i = 1
Do While i < 6
    Label1.Caption = Label1.Caption & "あ " & Chr(13) & Chr(10)
    i = i + 1
Loop
End Sub
```

問題16

```
Option Explicit
Dim kaisu As Integer
Private Sub CommandButton1_Click()
kaisu = InputBox("回数を設定して下さい")
End Sub
Private Sub CommandButton2_Click()
Dim i As Integer
For i = 1 To kaisu Step 1
    MsgBox (i & "回目を実行中です")
Next i
End Sub
```

問題17

```
Option Explicit
Private Sub CommandButton1_Click()
Dim siten As Integer
Dim syuuten As Integer
Dim goukei As Long
Dim i As Integer
goukei = 0
siten = Val(TextBox1.Text)
syuuten = Val(TextBox2.Text)
For i = siten To syuuten
    goukei = goukei + i
Next i
Label3.Caption = Format(goukei, "#,##0")
End Sub
```

問題18

```
Option Explicit
Private Sub CommandButton1_Click()
Dim i As Integer
Dim goukei As Integer
goukei = 0
For i = 1 To 100
    goukei = goukei + i
Next i
MsgBox ("合計は " & Str(goukei) & " です")
End Sub

Private Sub CommandButton2_Click()
Dim i As Integer
Dim goukei As Integer
goukei = 0
For i = 1 To 100 Step 2
    goukei = goukei + i
Next i
MsgBox ("合計は " & Str(goukei) & " です")
End Sub
```

問題19

```
Option Explicit
Dim su1 As Integer
Dim su2 As Integer

Private Sub UserForm_Initialize()
Randomize
su1 = Int(Rnd * 50) + 1
su2 = Int(Rnd * 50) + 1
Label1.Caption = Str(su1)
Label2.Caption = Str(su2)
End Sub

Private Sub CommandButton1_Click()
Dim kaitou As Integer
kaitou = Val(TextBox1.Text)
If kaitou = (su1 + su2) Then
    MsgBox ("正解!")
Else
    MsgBox ("不正解・・・")
End If
End Sub
```

問題20

```
Option Explicit
Dim su1 As Integer
Dim su2 As Integer

Private Sub UserForm_Initialize()
Randomize
su1 = Int(Rnd * 50) + 1
su2 = Int(Rnd * 50) + 1
Label1.Caption = Str(su1)
Label2.Caption = Str(su2)
End Sub

Private Sub CommandButton1_Click()
Dim kaitou As Integer
kaitou = Val(TextBox1.Text)
If kaitou = (su1 + su2) Then
    MsgBox ("正解!")
    su1 = Int(Rnd * 50) + 1
    su2 = Int(Rnd * 50) + 1
    Label1.Caption = Str(su1)
    Label2.Caption = Str(su2)
    TextBox1.Text = ""
Else
    MsgBox ("不正解 . . .")
    TextBox1.Text = ""
End If
End Sub
```

問題21

```
Option Explicit

Private Sub CommandButton1_Click()
Randomize
Dim ran1 As Integer, ran2 As Integer, ran3 As Integer
ran1 = Int(Rnd * 9) + 1
ran2 = Int(Rnd * 9) + 1
ran3 = Int(Rnd * 9) + 1
Label1.Caption = Str(ran1)
Label2.Caption = Str(ran2)
Label3.Caption = Str(ran3)
If ran1 = ran2 And ran2 = ran3 Then
    Label4.Caption = "大当たり"
ElseIf ran1 = ran2 Or ran2 = ran3 Or ran1 = ran3 Then
    Label4.Caption = "当たり"
Else
    Label4.Caption = "はずれ"
End If
End Sub
```

第4章 ユーザーフォームでVBAファイル処理

問題1

```
Option Explicit
Private Sub CommandButton1_Click()
Dim code As Integer
Dim suu As Integer
Open ThisWorkbook.Path & "¥data4_1.csv" For Input As #1
Input #1, code, suu
Label1.Caption = Str(code)
Label2.Caption = Str(suu)
Close #1
End Sub
```

問題2

```
Option Explicit
Private Sub CommandButton1_Click()
Dim code As Integer
Dim suu As Integer
Open ThisWorkbook.Path & "¥data4_2.csv" For Input As #1
Do While Not EOF(1)
    Input #1, code, suu
    Label1.Caption = Label1.Caption & Str(code) & Chr(13) & Chr(10)
    Label2.Caption = Label2.Caption & Str(suu) & Chr(13) & Chr(10)
Loop
Close #1
End Sub
```

問題3

```
Option Explicit
Private Sub CommandButton1_Click()
Dim code As Integer
Dim suu As Integer
Dim goukei As Integer
goukei = 0
Open ThisWorkbook.Path & "¥data4_3.csv" For Input As #1
Do While Not EOF(1)
    Input #1, code, suu
    Label1.Caption = Label1.Caption & Str(code) & Chr(13) & Chr(10)
    Label2.Caption = Label2.Caption & Str(suu) & Chr(13) & Chr(10)
    goukei = goukei + suu
Loop
Close #1
Label3.Caption = Str(goukei)
End Sub
```

問題4

```

Option Explicit
Private Sub CommandButton1_Click()
Dim ban As Integer, koku As Integer, suu As Integer, ei As Integer
Dim kokuG As Integer, suuG As Integer, eiG As Integer
kokuG = 0
suuG = 0
eiG = 0
Open ThisWorkbook.Path & "¥data4_4.csv" For Input As #1
Do While Not EOF(1)
    Input #1, ban, koku, suu, ei
    Label2.Caption = Label2.Caption & Str(ban) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(koku) & Chr(13) & Chr(10)
    Label4.Caption = Label4.Caption & Str(suu) & Chr(13) & Chr(10)
    Label5.Caption = Label5.Caption & Str(ei) & Chr(13) & Chr(10)
    kokuG = kokuG + koku
    suuG = suuG + suu
    eiG = eiG + ei
Loop
Close #1
Label7.Caption = Format(kokuG / 10, "#0")
Label8.Caption = Format(suuG / 10, "#0")
Label9.Caption = Format(eiG / 10, "#0")
End Sub

```

問題5

```

Option Explicit
Private Sub CommandButton1_Click()
Dim code As Integer, suu As Integer, goukei As Integer
goukei = 0
Open ThisWorkbook.Path & "¥data4_5.csv" For Input As #1
Do While Not EOF(1)
    Input #1, code, suu
    goukei = goukei + suu
Loop
Close #1
Label3.Caption = Str(goukei)
End Sub

```

問題6

```

Option Explicit
Dim code(1 To 5) As Integer, namae(1 To 5) As String
Private Sub UserForm_Initialize()
code(1) = 101
code(2) = 110
code(3) = 124
code(4) = 136
code(5) = 139
namae(1) = "鉛筆"
namae(2) = "ノート"
namae(3) = "消しゴム"
namae(4) = "定規"
namae(5) = "ボールペン"
End Sub
Private Sub CommandButton1_Click()
Dim i As Integer, sagasu As Integer
sagasu = Val(TextBox1.Text)
i = 1
Do While code(i) <> sagasu
    i = i + 1
Loop
Label3.Caption = namae(i)
End Sub

```

問題7

```
Option Explicit

Private Sub UserForm_Initialize()
Dim code(1 To 5) As Integer
Dim namae(1 To 5) As String
Dim tanka(1 To 5) As Integer
Dim yomiCode As Integer, suryou As Integer
Dim uriage As Integer
Dim i As Integer
code(1) = 101
code(2) = 110
code(3) = 124
code(4) = 136
code(5) = 139
namae(1) = "鉛筆"
namae(2) = "ノート"
namae(3) = "消しゴム"
namae(4) = "定規"
namae(5) = "ボールペン"
tanka(1) = 60
tanka(2) = 100
tanka(3) = 70
tanka(4) = 110
tanka(5) = 150
Open ThisWorkbook.Path & "¥data4_7.csv" For Input As #1
Do While Not EOF(1)
    Input #1, yomiCode, suryou
    i = 1
    Do While code(i) <> yomiCode
        i = i + 1
    Loop
    uriage = suryou * tanka(i)
    Label2.Caption = Label2.Caption & namae(i) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Format(uriage, "#,##0") & Chr(13) & Chr(10)
Loop
Close #1
End Sub
```

問題8

```
Option Explicit

Private Sub UserForm_Initialize()
Dim code(1 To 5) As Integer
Dim namae(1 To 5) As String
Dim kei(1 To 5) As Integer
Dim yomiCode As Integer, suryou As Integer
Dim uriage As Integer
Dim i As Integer
code(1) = 101
code(2) = 110
code(3) = 124
code(4) = 136
code(5) = 139
namae(1) = "鉛筆"
namae(2) = "ノート"
namae(3) = "消しゴム"
namae(4) = "定規"
namae(5) = "ボールペン"
For i = 1 To 5
    kei(i) = 0
Next i
Open ThisWorkbook.Path & "\data4_8.csv" For Input As #1
Do While Not EOF(1)
    Input #1, yomiCode, suryou
    i = 1
    Do While code(i) <> yomiCode
        i = i + 1
    Loop
    kei(i) = kei(i) + suryou
Loop
Close #1
For i = 1 To 5
    Label2.Caption = Label2.Caption & namae(i) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(kei(i)) & Chr(13) & Chr(10)
Next i
End Sub
```


第5章 ユーザーフォームでVBA全商検定1級

問題1

```
Option Explicit
Private Sub UserForm_Initialize()
Dim bangou As Integer
Dim tenin As Integer
Dim syouhin As Integer
Dim urisuu As Integer
Dim uri(1 To 5, 1 To 3) As Integer
Dim i As Integer
Dim j As Integer
For i = 1 To 5
    For j = 1 To 3
        uri(i, j) = 0
    Next j
Next i
Open ThisWorkbook.Path & "\data5_1.csv" For Input As #1
Do While Not EOF(1)
    Input #1, tenin, syouhin, urisuu
    uri(tenin, syouhin) = uri(tenin, syouhin) + urisuu
Loop
Close #1
For i = 1 To 5
    Label1.Caption = Label1.Caption & Str(i) & Chr(13) & Chr(10)
    Label2.Caption = Label2.Caption & Str(uri(i, 1)) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(uri(i, 2)) & Chr(13) & Chr(10)
    Label4.Caption = Label4.Caption & Str(uri(i, 3)) & Chr(13) & Chr(10)
Next i
End Sub
```

問題2

```
Option Explicit
Private Sub UserForm_Initialize()
Dim ten(1 To 5) As Integer
Dim jun(1 To 5) As Integer
Dim i As Integer
Dim j As Integer
ten(1) = 65
ten(2) = 70
ten(3) = 55
ten(4) = 92
ten(5) = 48
For i = 1 To 5
    jun(i) = 1
Next i
For i = 1 To 5
    For j = 1 To 5
        If ten(i) > ten(j) Then
            jun(j) = jun(j) + 1
        End If
    Next j
Next i
For i = 1 To 5
    Label2.Caption = Label2.Caption & Str(i) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(ten(i)) & Chr(13) & Chr(10)
    Label4.Caption = Label4.Caption & Str(jun(i)) & Chr(13) & Chr(10)
Next i
End Sub
```

問題3

```

Option Explicit
Private Sub UserForm_Initialize()
Dim goukei(1 To 5) As Integer
Dim jun(1 To 5) As Integer
Dim ban As Integer
Dim jyugyou As Integer
Dim ten As Integer
Dim i As Integer
Dim j As Integer
For i = 1 To 5
    goukei(i) = 0
    jun(i) = 1
Next i
Open ThisWorkbook.Path & "\data5_3.csv" For Input As #1
Do While Not EOF(1)
    Input #1, ban, jyugyou, ten
    goukei(ban) = goukei(ban) + ten
Loop
Close #1
For i = 1 To 5
    For j = 1 To 5
        If goukei(i) > goukei(j) Then
            jun(j) = jun(j) + 1
        End If
    Next j
Next i
For i = 1 To 5
    Label2.Caption = Label2.Caption & Str(i) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(goukei(i)) & Chr(13) & Chr(10)
    Label4.Caption = Label4.Caption & Str(jun(i)) & Chr(13) & Chr(10)
Next i
End Sub

```

問題4

```

Option Explicit
Private Sub UserForm_Initialize()
Dim uriage(1 To 5) As Integer
Dim taihi As Integer
uriage(1) = 1430
uriage(2) = 3200
uriage(3) = 2290
uriage(4) = 1850
uriage(5) = 3660
Dim i As Integer
Dim j As Integer
For i = 4 To 1 Step -1
    For j = 1 To i
        If uriage(j) < uriage(j + 1) Then
            taihi = uriage(j)
            uriage(j) = uriage(j + 1)
            uriage(j + 1) = taihi
        End If
    Next j
Next i
For i = 1 To 5
    Label2.Caption = Label2.Caption & Format(uriage(i), "#,##0") & Chr(13) & Chr(10)
Next i
End Sub

```

問題5

```

Option Explicit
Private Sub UserForm_Initialize()
Dim uriage(1 To 5) As Integer
Dim code As Integer, uri As Integer, taihi As Integer, i As Integer, j As Integer
For i = 1 To 5
    uriage(i) = 0
Next i
Open ThisWorkbook.Path & "¥data5_5.csv" For Input As #1
Do While Not EOF(1)
    Input #1, code, uri
    uriage(code) = uriage(code) + uri
Loop
Close #1
For i = 4 To 1 Step -1
    For j = 1 To i
        If uriage(j) < uriage(j + 1) Then
            taihi = uriage(j)
            uriage(j) = uriage(j + 1)
            uriage(j + 1) = taihi
        End If
    Next j
Next i
For i = 1 To 5
    Label2.Caption = Label2.Caption & Str(uriage(i)) & Chr(13) & Chr(10)
Next i
End Sub

```

問題6

```

Option Explicit
Private Sub UserForm_Initialize()
Dim code(1 To 5) As Integer, uriage(1 To 5) As Integer
Dim co As Integer, uri As Integer, taihi As Integer, i As Integer, j As Integer
For i = 1 To 5
    code(i) = i
    uriage(i) = 0
Next i
Open ThisWorkbook.Path & "¥data5_6.csv" For Input As #1
Do While Not EOF(1)
    Input #1, co, uri
    uriage(co) = uriage(co) + uri
Loop
Close #1
For i = 4 To 1 Step -1
    For j = 1 To i
        If uriage(j) < uriage(j + 1) Then
            taihi = uriage(j)
            uriage(j) = uriage(j + 1)
            uriage(j + 1) = taihi
            taihi = code(j)
            code(j) = code(j + 1)
            code(j + 1) = taihi
        End If
    Next j
Next i
For i = 1 To 5
    Label2.Caption = Label2.Caption & Str(code(i)) & Chr(13) & Chr(10)
    Label3.Caption = Label3.Caption & Str(uriage(i)) & Chr(13) & Chr(10)
Next i
End Sub

```

問題7

```
Option Explicit
Private Sub UserForm_Initialize()
Dim uri(1 To 30, 2) As Integer
Dim namae(1 To 30) As String
'売上情報読込用
Dim tenNo As Integer, kyaku As Integer, hiduke As String
Dim syouhin As Integer, uriage As Integer
Dim no As Integer, seibetu As String, nen As Integer '店員情報読込用
Dim i As Integer, j As Integer
For i = 1 To 30
    uri(i, 1) = 0 '集計用フィールドの初期化
    uri(i, 2) = 1 '順位の初期化
Next i

Open ThisWorkbook.Path & "¥data5_7_sales.csv" For Input As #1
Open ThisWorkbook.Path & "¥data5_7_clerk.csv" For Input As #2

'店員情報の読み込み
i = 1
Do While Not EOF(2)
    Input #2, no, namae(i), seibetu, nen
    i = i + 1
Loop
Close #2

'売上情報の集計
Do While Not EOF(1)
    Input #1, tenNo, kyaku, hiduke, syouhin, uriage
    uri(tenNo, 1) = uri(tenNo, 1) + uriage
Loop
Close #1

'順位付け
For i = 1 To 30
    For j = 1 To 30
        If uri(i, 1) < uri(j, 1) Then
            uri(i, 2) = uri(i, 2) + 1
        End If
    Next j
Next i

'10位までの表示
For i = 1 To 10
    For j = 1 To 30
        If uri(j, 2) = i Then
            Label1.Caption = Label1.Caption & Str(uri(j, 2)) & Chr(13) & Chr(10)
            Label2.Caption = Label2.Caption & namae(j) & Chr(13) & Chr(10)
            Label3.Caption = Label3.Caption & Str(uri(j, 1)) & Chr(13) & Chr(10)
        End If
    Next j
Next i
End Sub
```