

Case Statement

The Case statement executes one of several groups of [statements](#), depending on the value of the variable.

The syntax is:

```

Select Case Variable
  Case 1
    Statement 1
  Case 2
    Statement 2
  Case 3
    Statement 3
    .
    .
    .
  Case n
    Statement n
  [Case Else
    Statement]
End Select

```

Example 1

Write a program to convert numbers (1-7) to corresponding day name.

```

Private Sub Cmdcon_Click()
Dim Myday As Integer
Myday = Val(txtday.Text)
Select Case Myday
Case 1
lblres.Caption = "Sunday"

```

Object	Property	Value
Command	Name	Cmdcon
	Caption	Convert
Label	Name	lblres
	Caption	Result
Text Box	Name	txtday

```

Case 2
lblres.Caption = "Monday"
Case 3
lblres.Caption = "Tuesday"
Case 4
lblres.Caption = "Wednesday"
Case 5
lblres.Caption = "Thursday"
Case 6
lblres.Caption = "Friday"
Case 7
lblres.Caption = "Saturday"
Case Else
lblres.Caption = "Unknown"
End Select
End Sub

```

Example 2

Write a program to convert the degree of examination to valuation.

Solution 1

```

Private Sub cmdval_Click()

Dim mark As Integer
mark = Val(txtmrk.Text)
Select Case mark

Case Is > 100
lblres.Caption = "Out of range"

Case Is >= 90
lblres.Caption = "Excellent"

```

Object	Property	Value
Command	Name	Cmdval
	Caption	Valuation
Label	Name	lblres
	Caption	Result
Text Box	Name	txtmrk

Case Is >= 80

lblres.Caption = "Very Good"

Case Is >= 70

lblres.Caption = "Good"

Case Is >= 60

lblres.Caption = "Middle"

Case Is >= 50

lblres.Caption = "Acceptd"

Case Is <= 49

lblres.Caption = "Need to study harder"

End Select

End Sub

Solution 2

Private Sub Cmdcon_Click()

Dim mark As Integer

mark = Val(txtmrk.Text)

Select Case mark

Case 90 To 100

lblres.Caption = "Excellent"

Case 80 To 89

lblres.Caption = "Very Good"

Case 70 To 79

lblres.Caption = "Good"

Case 60 To 69

lblres.Caption = "Middle"

Case 50 To 59

lblres.Caption = "Acceptd"

Case 0 To 49

lblres.Caption = "Need to study harder"

Case Else

lblres.Caption = "Out of rang"

End Select

End Sub

H.W.

Write a program to input symbol then print the following message.

- | | |
|---------------------|--|
| 1- "a" .. "z" | The output will be "Small letter" |
| 2- "A" .. "Z" | The output will be "Capital letter" |
| 3- "0" .. "9" | The output will be "Number" |
| 4- ",", " ", ":", " | The output will be "Special character" |
| 5- Other | The output will be "Unkner character" |