

# 4.9

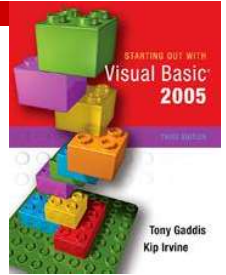
## The Select Case Statement

In a Select Case Statement, One of Several Possible Actions Is Taken, Depending on the Value of an Expression



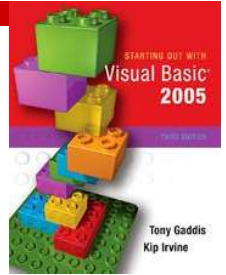
# Select Case Statement

- Similar to **If...Then...ElseIf**
  - Performs a series of tests
  - Conditionally executes the first true condition
- *Select Case* is different in that:
  - A single test expression may be evaluated
  - The test expression is listed once
  - The possible values of the expression are then listed with their conditional statements
- **Case Else** may be included and executed if none of the values match the expression



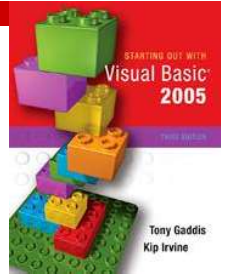
# Select Case Statement Example

```
Select Case CInt(txtInput.Text)
    Case 1
        MessageBox.Show("Day 1 is Monday.")
    Case 2
        MessageBox.Show("Day 2 is Tuesday.")
    Case 3
        MessageBox.Show("Day 3 is Wednesday.")
    Case 4
        MessageBox.Show("Day 4 is Thursday.")
    Case 5
        MessageBox.Show("Day 5 is Friday.")
    Case 6
        MessageBox.Show("Day 6 is Saturday.")
    Case 7
        MessageBox.Show("Day 7 is Sunday.")
    Case Else
        MessageBox.Show("That value is invalid.")
End Select
```



# Select Case With Multiple Values

```
Select Case strAnimal
    Case "Dogs", "Cats"
        MessageBox.Show ("House Pets")
    Case "Cows", "Pigs", "Goats"
        MessageBox.Show ("Farm Animals")
    Case "Lions", "Tigers", "Bears"
        MessageBox.Show ("Oh My!")
End Select
```



# Select Case with Operators

```
Select Case intScore
    Case Is >= 90
        strGrade = "A"
    Case 80 to 89
        strGrade = "B"
    Case 70 to 79
        strGrade = "C"
    Case 60 to 69
        strGrade = "D"
    Case 0 to 59
        strGrade = "F"
    Case Else
        MessageBox.Show("Invalid Score")
End Select
```

- Tutorial 4-8 demonstrates the Select Case