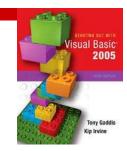


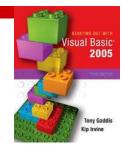
A Function Procedure Returns a Value to the Part of the Program That Called the Function Procedure





Declaring a Function Procedure

- New keyword Function
- Also new is As DataType which states the data type of the value to be returned
- Return value is specified in a Return expression



Function Call Example

```
Function Sum(ByVal num1 As Single, ByVal num2 As Single)

As Single

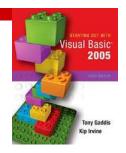
Dim result As Single

result = num1 + num2

Return result

End Function
```

- value1 and value2 must be data type Single
- Total must be declared as data type Single
- Tutorial 6-5 demonstrates function use



Returning Nonnumeric Values

```
Function FullName (ByVal first As String, ByVal last As String)
                           As String
      Dim name As String
      name = last & ", " & first
      Return name
End Function
                  Function IsValid(num As Integer) As Boolean
                         Dim status As Boolean
                         If num >= 0 And num <= 100 Then
                                status = True
                         Else
                                status = False
                         End If
                         Return status
                  End Function
```