

New Project

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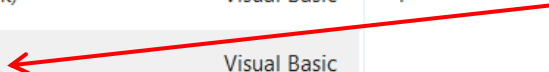
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	WPF App (.NET Framework)	Visual Basic	Typ
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	WPF Custom Control Library (.NET Framework)	Visual Basic	
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Console



Concatenation

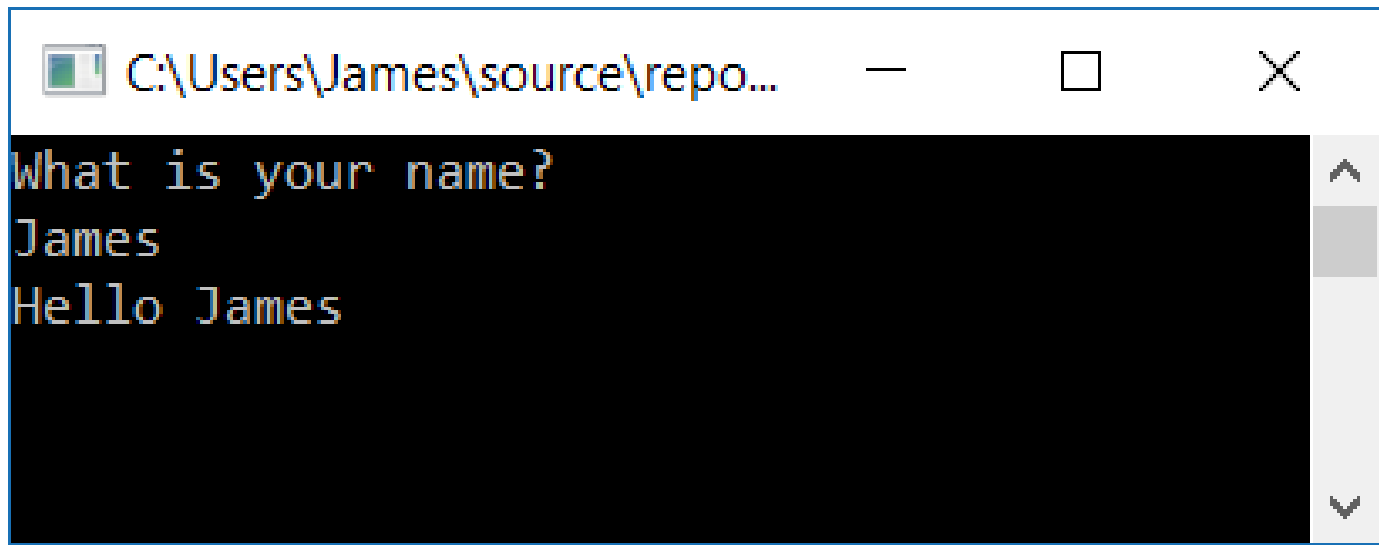
```
1  Module Module1
2
3  Sub Main()
4      Dim strName As String
5      Dim strMessage As String
6
7      Console.WriteLine("What is your name?" & Chr(10))
8      strName = Console.ReadLine()
9      strMessage = "Hello" & " " & strName
10     Console.WriteLine(strMessage)
11     Console.ReadLine()
12 End Sub
13
14 End Module
```

String variable declaration

Ampersand used as a Concatenation operator

Chr(10) is new line operator

Output

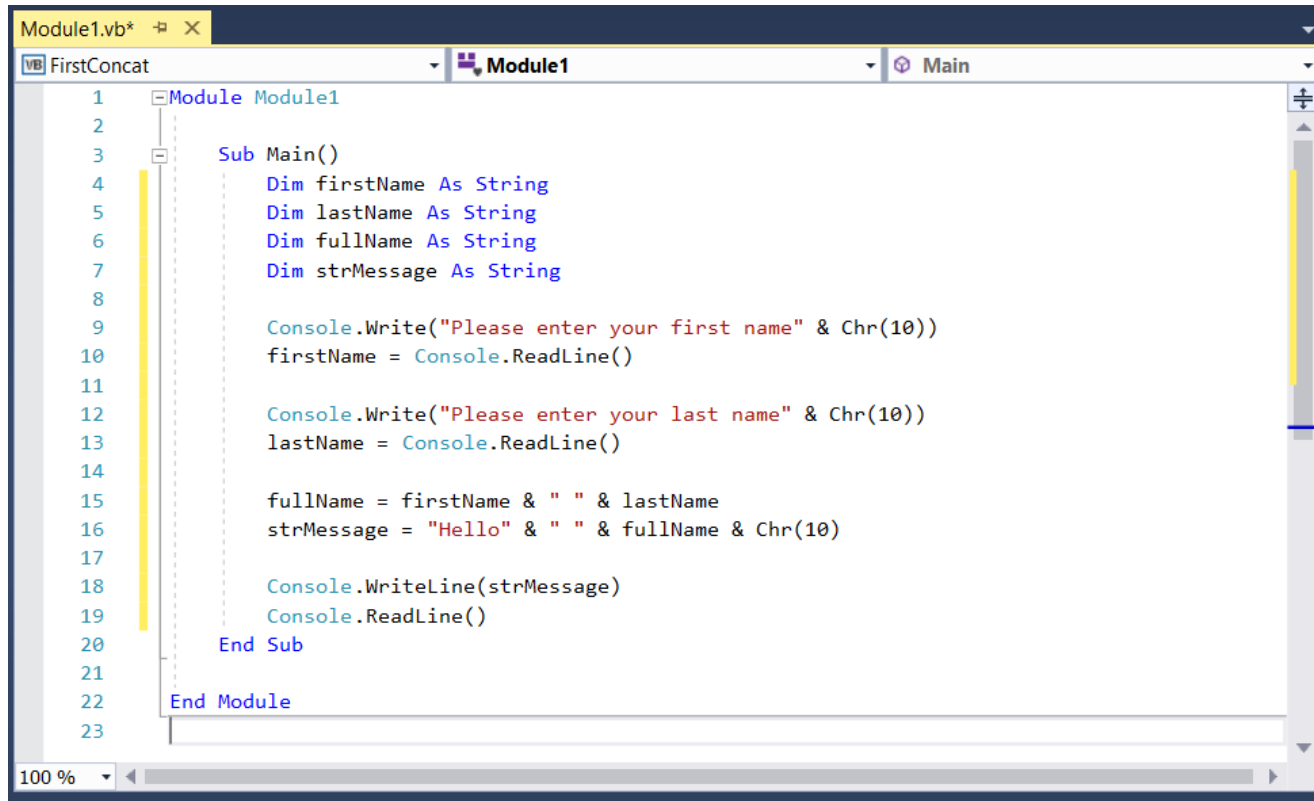


A screenshot of a Windows command prompt window. The title bar shows the path "C:\Users\James\source\repo...". The terminal content is as follows:

```
What is your name?  
James  
Hello James
```

Concatenation

Create variables made up of the combination of other variables.

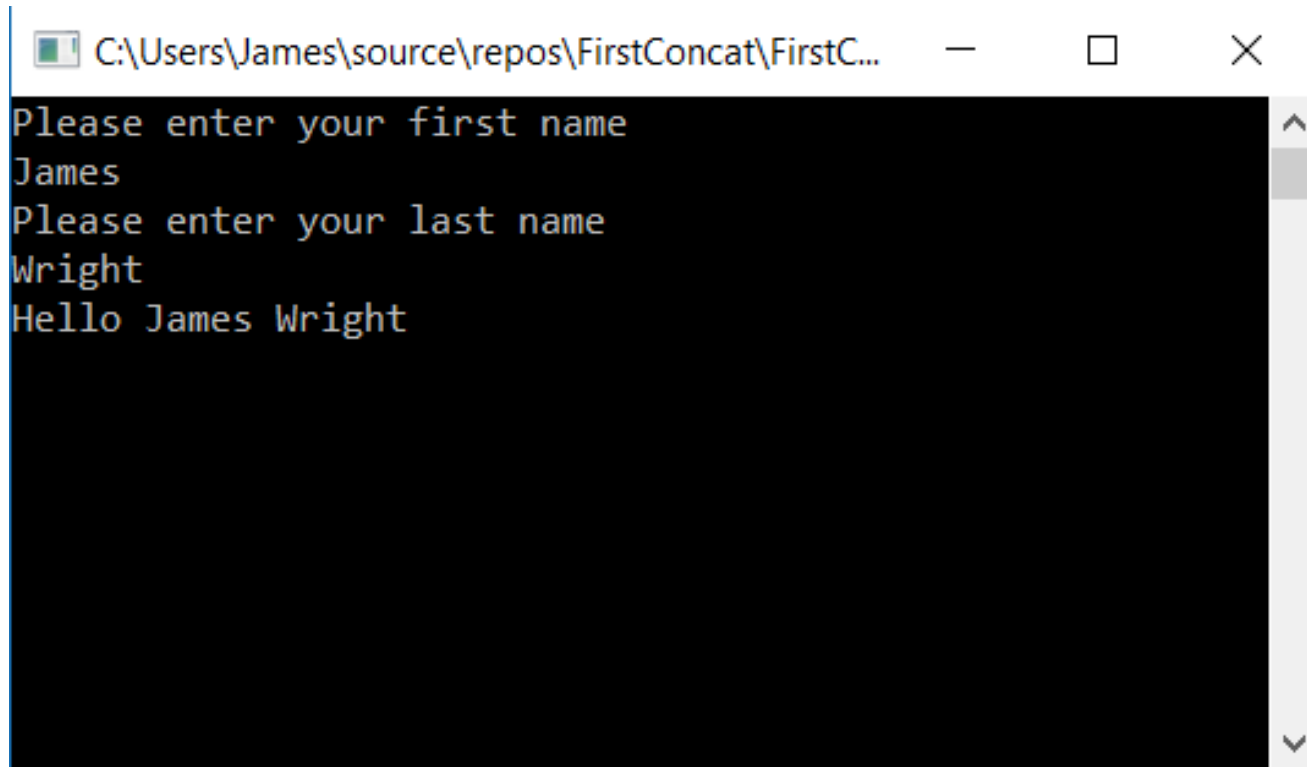


```
Module1.vb* [X]
VB FirstConcat [Module1] [Main]
1  Module Module1
2
3  Sub Main()
4      Dim firstName As String
5      Dim lastName As String
6      Dim fullName As String
7      Dim strMessage As String
8
9      Console.WriteLine("Please enter your first name" & Chr(10))
10     firstName = Console.ReadLine()
11
12     Console.WriteLine("Please enter your last name" & Chr(10))
13     lastName = Console.ReadLine()
14
15     fullName = firstName & " " & lastName
16     strMessage = "Hello" & " " & fullName & Chr(10)
17
18     Console.WriteLine(strMessage)
19     Console.ReadLine()
20 End Sub
21
22 End Module
23
```

The screenshot shows a Visual Basic code editor window titled "Module1.vb* [X]". The editor displays a code file named "FirstConcat" within a "Module1" namespace, containing a "Main" subroutine. The code prompts the user for their first and last names, concatenates them with a space, and then prints a "Hello" message followed by the full name. The code is as follows:

```
1  Module Module1
2
3  Sub Main()
4      Dim firstName As String
5      Dim lastName As String
6      Dim fullName As String
7      Dim strMessage As String
8
9      Console.WriteLine("Please enter your first name" & Chr(10))
10     firstName = Console.ReadLine()
11
12     Console.WriteLine("Please enter your last name" & Chr(10))
13     lastName = Console.ReadLine()
14
15     fullName = firstName & " " & lastName
16     strMessage = "Hello" & " " & fullName & Chr(10)
17
18     Console.WriteLine(strMessage)
19     Console.ReadLine()
20 End Sub
21
22 End Module
23
```

Output



A screenshot of a terminal window with a black background and white text. The window title bar shows the file path: C:\Users\James\source\repos\FirstConcat\FirstC... The terminal content is as follows:

```
Please enter your first name  
James  
Please enter your last name  
Wright  
Hello James Wright
```