

Instructor Notes

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BEFORE You Start Coding: outline the problem

- 1) Allow the user to enter values into the spreadsheet and then use VBA to calculate the total
- 2) Use a MsgBox to tell the user if the fees put them over budget
- 3) If the total exceeds the budget, fix it for them! (adjust price)

Budget:	<input type="text" value="100"/>
Price:	<input type="text" value="86.96"/>
Fees:	<input type="text" value="15%"/>
Total:	<input type="text" value="100"/>

Reminders of VBA Syntax

```
Dim total As Double  
Range("L3").Value = total  
subtotal = Cell(row,col).Value
```

```
If varname1 > varname2 Then  
    MsgBox("some message goes here.")  
Elseif  
    MsgBox("You can have one or more of these, or none.")  
Else  
    MsgBox("If all else nothing above is true, do this.")  
End If
```

A few more things to remember...

In the immediate window, you can perform a calculation, run a function or subroutine – although not everything will run there. This is sometimes helpful for debugging or testing.

Example: what does MOD do??

```
Debug.print 4 MOD 2
```

```
Debug.print 5 MOD 2
```

Or.... Look at the docs! 😊 [http://bit.ly/VBA Reference](http://bit.ly/VBA_Reference)

Also, be sure to checkout the videos in the slacked video guide