

Commission Workbook Showing January Worksheet (Before)

Microsoft Excel - commission

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	A	B	C	D
1				
2				
3	Salesperson	Sales	Commission	
4	1417	23,000.00	0.00	
5	1428	56,000.00	0.00	
6	1430	34,000.00	0.00	
7	1578	19,000.00	0.00	
8	1599	35,600.00	0.00	
9	1601	23,600.00	0.00	
10	1604	12,500.00	0.00	
11	1689	56,700.00	0.00	
12	1743	21,300.00	0.00	
13	1788	12,000.00	0.00	
14	1811	45,900.00	0.00	
15	1822	32,100.00	0.00	
16	Total	\$371,700.00	\$0.00	
17				
18				
19				
20				
21				

Finished worksheet (After)

	A	B	C	D	E
1	Commission rate:	5%			
2					
3	Salesperson	Sales	Commission		
4	1417	23,000.00	1,150.00		
5	1428	56,000.00	2,800.00		
6	1430	34,000.00	1,700.00		
7	1578	19,000.00	950.00		
8	1599	35,600.00	1,780.00		
9	1601	23,600.00	1,180.00		
10	1604	12,500.00	625.00		
11	1689	56,700.00	2,835.00		
12	1743	21,300.00	1,065.00		
13	1788	12,000.00	600.00		
14	1811	45,900.00	2,295.00		
15	1822	32,100.00	1,605.00		
16	Total	\$371,700.00	\$18,585.00		
17					
18					
19	Prepared By Yen				
20					

Pseudocode for the Commission Workbook's Open Event Procedure (10 Marks)

1. Declare two string variables **strName** and **strRate** and one WorkSheet object variable **wksJanuary**.
2. Use the Set statement to point the worksheet object variable to the January worksheet in this workbook.
Use the **InputBox function** to prompt the user for his/her name. Store the user's response in the string variable called **strName**.
3. Use the **InputBox function** to prompt the user for the commission rate as a whole number. Store the user's response in the string variable called **strRate**.
4. Convert the rate stored in the **strRate** variable to its decimal equivalent by converting to a number using the **Val function** then dividing by 100. Then assign the result to the cell **B1** in the January worksheet.
5. Concatenate the string literal constant "**Prepared By** " to the name stored in the **strName** variable and assign the result to the cell **A19** in the January worksheet.

1.

```
Dim strName As String  
Dim strRate As String  
Dim wksJanuary As Worksheet
```

2.

```
Set wksJanuary = Application.Workbooks("commission.xlsm").Worksheets("January")  
strName=InputBox("Enter your name", "Name")
```

3.

```
strRate=InputBox("Enter your name as a whole number", "Rate")
```

4.

```
wksJanuary.Range("B1").Value=Val(strRate)/100
```

5.

```
wksJanuary.Range("A19").Value= "Prepared By " & strName
```