

Mark entire discussion as read



Assignment 8

by O ABATAN - 21 Feb 2017 @ 12:26

Assignment 8: Learning more about Excel

You have newly been employed by a prominent multinational Fast-Moving Consumer Good (FMCG) company. The company's products includes foods, beverages, personal care products and cleaning agents. You were asked to develop a framework in Excel to calculate the final total cost of products purchased based on different delivery method, discount levels and price guide of products purchased by distributors.

Consider and study the three tables below carefully, the first table is the **PRICING TABLE**, the second table is the **DELIVERY TABLE** and the third table is the **SALES TABLE**.

	A	B	C	D	E	F	G
1	Pricing Table			Delivery Table			
2	No of Units	Price/ Unit		Method	R/unit		
3	1	70		Ship	1		
4	10	60		Truck	1.5		
5	100	50		Road	2		
6	200	40		Rail	2.5		
7	500	30		Air	3		
8	1000	20					
9							
10	Sales Table						
11	Delivery Method	Units Sold	Total Cost	Unit Delivery	Total Delivery	Delivery Discount	Final Total
12	Ship	2					
13	Rail	12					
14	Road	150					
15	Air	260					
16	Truck	580					
17	Truck	1010					
18	Ship	679					
19	Road	230					
20	Rail	125					
21	Air	25					

The **Pricing Table** is placed in Columns A and B respectively while the **Delivery Table** is placed in Columns D and E of the Excel sheet. The **Sales Table** has 7 columns in Columns A, B, C, D, E, F and G respectively.

Exercise 1

What will be the "**Total Cost**" of products purchased for each delivery method, having been given the number of Units Sold in column B of the Sales Table? Using the LOOKUP Function tool in Excel 2013/365, write a formula in the **TOTAL COST** column (C12:C21) on the Sales Table to determine the Total Cost of products purchased in Rand.

Discussion 1

After working through exercise 1, reply to this Discussion with your answer (Display the formula you used and Total Cost values in Rand). Reply to the answer provided by three other students who have one or more different answers to yours.

Continue your discussions until all differences are resolved.

Exercise 2

Column A lists the delivery method. Using the LOOKUP Function, write another formula to determine the “Unit Delivery” values.

Discussion 2

After working through exercise 2, reply to this Discussion with your answer (Display the formula you used and Unit Delivery values in Rand). Reply to the answer provided by three other students who have one or more different answers to yours. Continue your discussions until all differences are resolved.

Exercise 3

Work out the “Total Delivery” cost of products purchased.

Discussion 3

After working through exercise 3, reply to this Discussion with your answer (Display the formula you used and Total Delivery values in Rand). Reply to the answer provided by three other students who have one or more different answers to yours. Continue your discussions until all differences are resolved.

Exercise 4

Your company offers various discounts based on the total cost of products sold. You are required to create a minimum of three different levels of discount. Create a lookup table for the delivery Discounts in order for you to use a lookup function to calculate the delivery discount for each order. Use the discount table below:

21	Discount Table			
22	Total Cost	0	5000	10000
23	Discount 1	0%	10%	20%
24	Discount 2	5%	10%	15%
25	Discount 3	10%	15%	20%

Write a formula in “Delivery Discount” column to lookup the correct delivery discount using the Total Delivery lookup table. You must try the different discount options for each row in the Delivery Discount column and indicate the discount choice you have used (i.e. either Discount 1, 2 or 3).

Discussion 4

After working through exercise 4, reply to this Discussion with your answer (Display the formula you used and Delivery discount values in Rand). Reply to the answer provided by three other students who have one or more different answers to yours. Continue your discussions until all differences are resolved.

Exercise 5

Now, calculate the “Final Total”

Discussion 5

After working through exercise 5, reply to this Discussion with your answer (Display the formula you used and Final Total values in Rand). Reply to the answer provided by three other students who have one or more different answers to yours.

Continue your discussions until all differences are resolved.

[Edit Reply](#)