

Advanced Vlookup Lab

OrderID	ProductID	Quantity	UnitPrice	TotalPrice	Category
1	101	2			
2	102	1			
3	103	4			
4	104	3			
5	105	5			
6	106	6			

1. Use VLOOKUP to dynamically find the unit price for each ProductID in the Orders worksheet and calculate the total price.

Step1. In worksheet 2 Create 2 new column called (UnitPrice) and (TotalPrice).

Step2. In the first row of the new column (UnitPrice(F3)) Using the following formula.
=VLOOKUP(C28,Sheet1!\$B\$3:\$E\$8,4,0)

Where C28 refers to the productId in the ordered table. And (Sheet1!\$B\$3:\$E\$8) is the range from product table.And 4 is the column index number in product table for the price.And 0 is for exact match.

Step3. To calculate total price in the first row of the totalPrice Column use the following formula.

=D28*E28

where D28 is the Quantity and E28 is the Unitprice.

OrderID	ProductID	Quantity	UnitPrice	TotalPrice
1	101	2	120	240
2	102	1	200	200
3	103	4	220	880
4	104	3	130	390
5	105	5	150	750
6	106	6	90	540

2. Use nested VLOOKUP to find the category of each product in the Orders worksheet.

Step1. Create a new column Category.

Step2. In the first row of the column category Write the following Formula.

=VLOOKUP(C50,Sheet1!\$B\$3:\$E\$8,3,0)

Where C50 refers to the productId in the ordered table. And (Sheet1!\$B\$3:\$E\$8) is the range from product table.And 3 is the column index number in product table for the price.And 0 is for exact match.

OrderID	ProductID	Quantity	UnitPrice	TotalPrice	Category
1	101	2	120	240	Electronics
2	102	1	200	200	Furniture
3	103	4	220	880	Electronics
4	104	3	130	390	Clothing
5	105	5	150	750	Furniture
6	106	6	90	540	Electronics

Advanced Hlookup Lab

	Jan	Feb	Mar	Apr	May
Product A	120	130	140	150	160
Product B	150	160	170	180	190
Product C	200	210	220	230	240
Product D	90	100	110	120	130
Product E	220	230	240	250	260
Product F	130	140	150	160	170

1. Use HLOOKUP to dynamically find the sales for Product B in a specified month.

Step1. Create a table to find the Sales of product B in the month of Feb.

Sales for Product B

Feb

Step2. write the following formula in cell **D82**.

=HLOOKUP(C82,B60:G66,3,0)

where **C82** is the Cell number of months and B60:G66 is the range of table and 3 is the row index of product B and 0 is for exact match.

	Sales for Product B
Feb	160