

ProductID	Product	Category	Price
101	Product A	Electronics	120
102	Product B	Furniture	200
103	Product C	Electronics	220
104	Product D	Clothing	130
105	Product E	Furniture	150
106	Product F	Electronics	90

Step 1 = Create two column in table is unit price and total price. In the first row of the new column new formula(=VLOOKUP(D3,Advlookup1!\$b\$3:\$E\$8,4,False)

Step 2=b3 refers product id 1 and Advlookup is the sheet of range of product Table.

4 is the column number in the product table for the price and False is for exact match.

in the first row of total price to calculate with the using following formula(=E3\*F3). E3 is the unit price and F3 is quantity.

Order ID	Product ID	Quantity	Unit Price	Total Price
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.

**Step 1** = Create a new Column Category.

**Step 2** = In the first row of column category .Write the following Formula.

**=VLOOKUP(C3,Sheet1!\$B\$3:\$E\$9,3,0)**

Where C3 refers to the product ID in the table. And (Sheet1!\$B\$3:\$E\$9) is the range from Product table .

**3** is the column index number in product table for price. And 0 is for exact match.

Order ID	Product ID	Quantity	Unit Price	Total Price	Category
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4	104	3	130	390	Clothing
5	105	5	150	750	Furniture
6	106	6	90	540	Electronics

### 3 .Use Hlookup to Dynamically find the sales for product B in a Specific month.

Step 1 :create a table to find the cells of product B in the month of February.

Step 2: Write the Formula in

**J7=HLOOKUP(J7,B2:G8,3,0),j7 is the month of looking of (month change if u want)B2:G8 The range of the data including both the month Header and the cells Data. 3 = the row number of Correspond Column B and False statement is exact match.**

Products	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	100	120	130
Product E	220	230	230	250	260
Product F	130	140	140	160	170

	<b>Sales For Product B</b>
FEB	160