VLOOKUP Function Assignment:

Questions:-

1. Use VLOOKUP to find the product names for each ProductID in the Orders worksheet.

2. Use VLOOKUP to find the price for each ProductID in the Orders worksheet, then calculate the Total Price by multiplying the Quantity by the Product Price.

3. Use VLOOKUP to check if there are any ProductIDs in the Orders worksheet that do not exist in the Products worksheet.

4. Assume a discount of 10% is given on all products. Use VLOOKUP to find the original price and then calculate the discounted price.

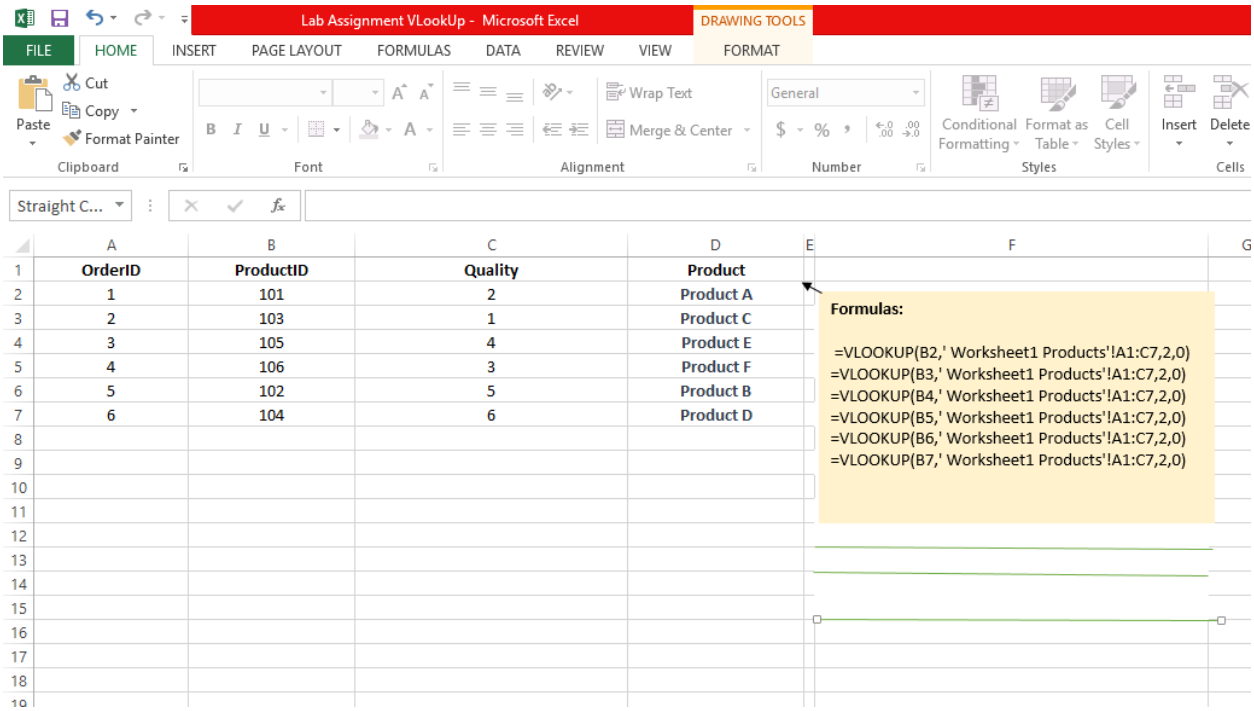
5. Use VLOOKUP to find the price for each ProductID and then calculate the order value. Find the maximum order value from the list.

6. Use VLOOKUP to find out which products from the Products worksheet have not been ordered.

7. Use VLOOKUP to find the Product name and summarize the total quantity sold for each product.

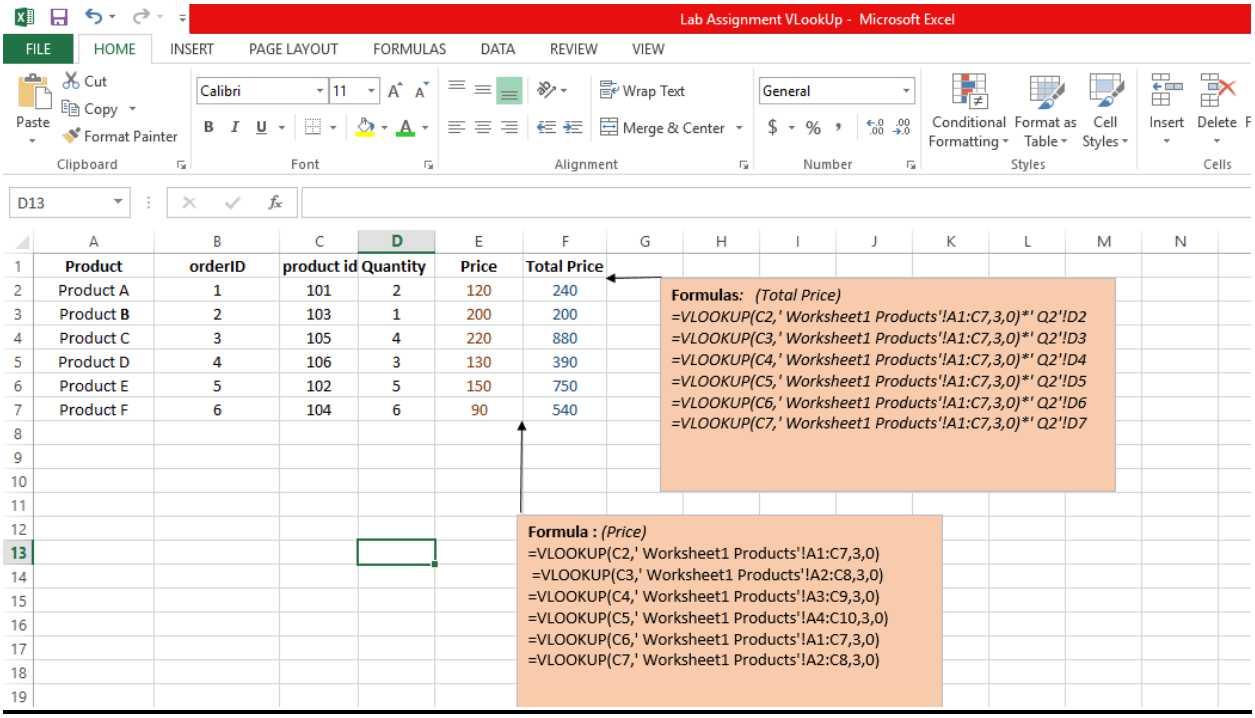
Answer

1. Use VLOOKUP to find the product names for each ProductID in the Orders worksheet.



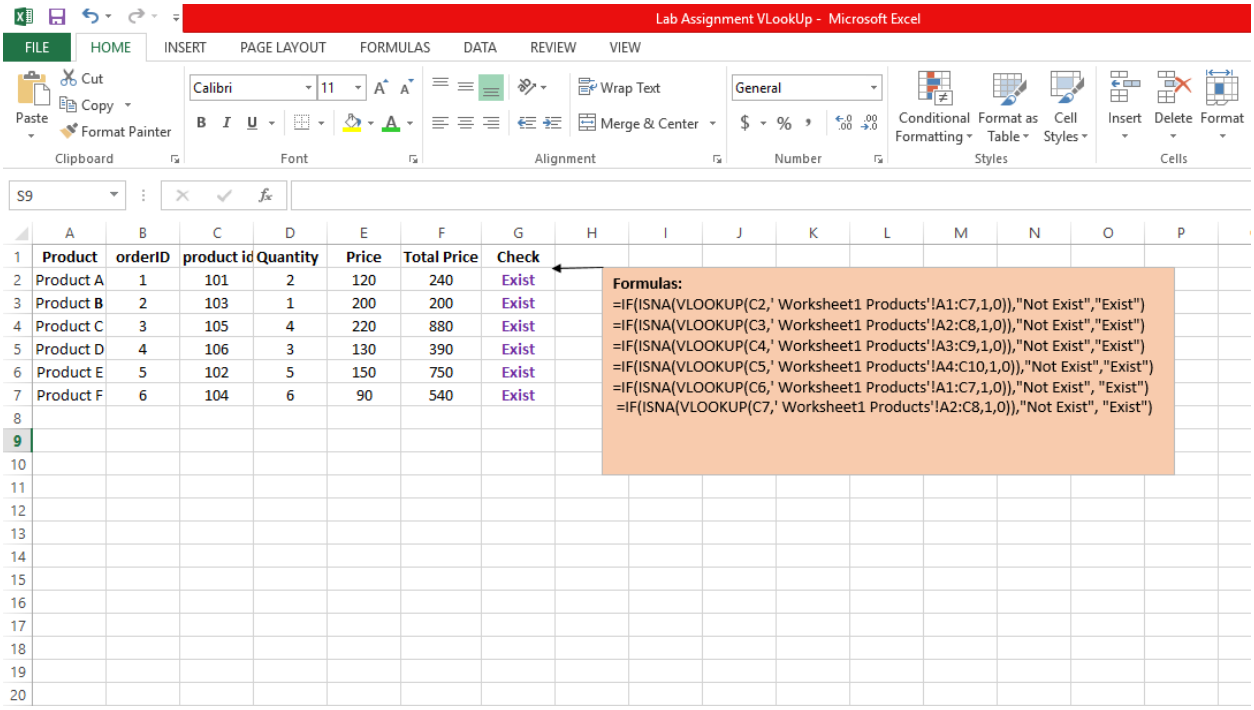
OrderID	ProductID	Quality	Product
1	101	2	Product A
2	103	1	Product C
3	105	4	Product E
4	106	3	Product F
5	102	5	Product B
6	104	6	Product D

2. Use VLOOKUP to find the price for each ProductID in the Orders worksheet, then calculate the TotalPrice by multiplying the Quantity by the Product Price.



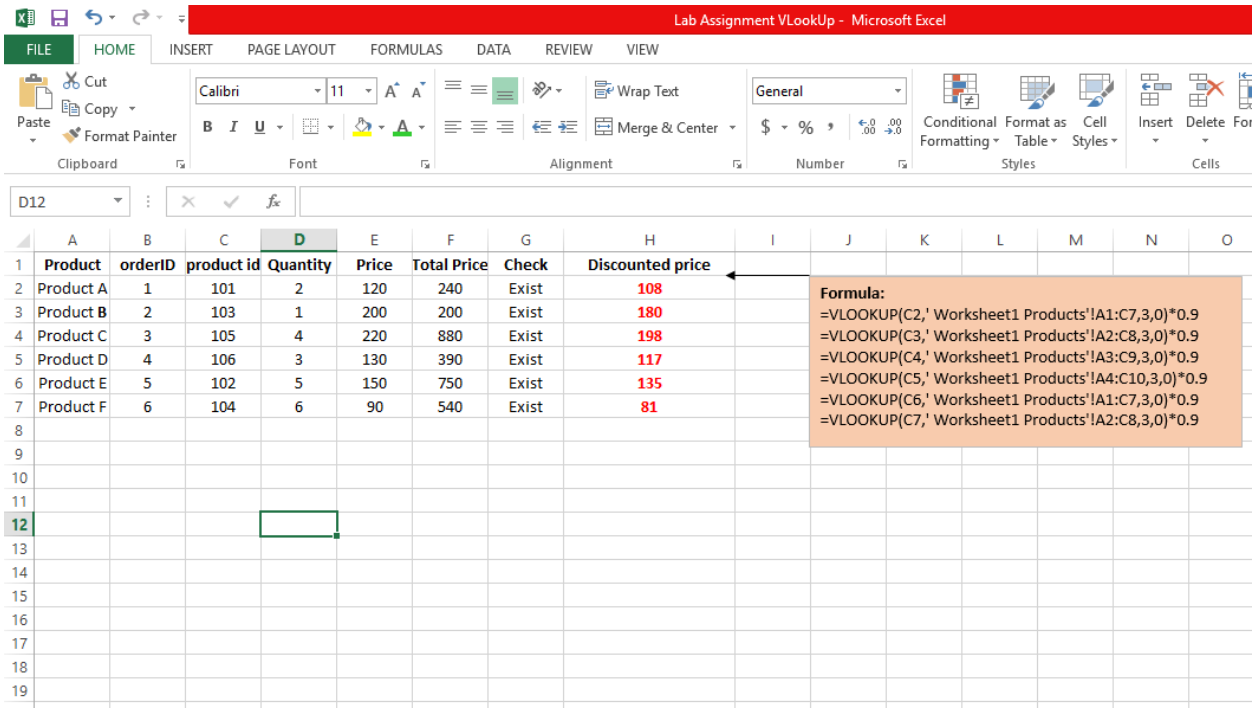
Product	orderID	product id	Quantity	Price	Total Price
Product A	1	101	2	120	240
Product B	2	103	1	200	200
Product C	3	105	4	220	880
Product D	4	106	3	130	390
Product E	5	102	5	150	750
Product F	6	104	6	90	540

3. Use VLOOKUP to check if there are any ProductIDs in the Orders worksheet that do not exist in the Products worksheet.



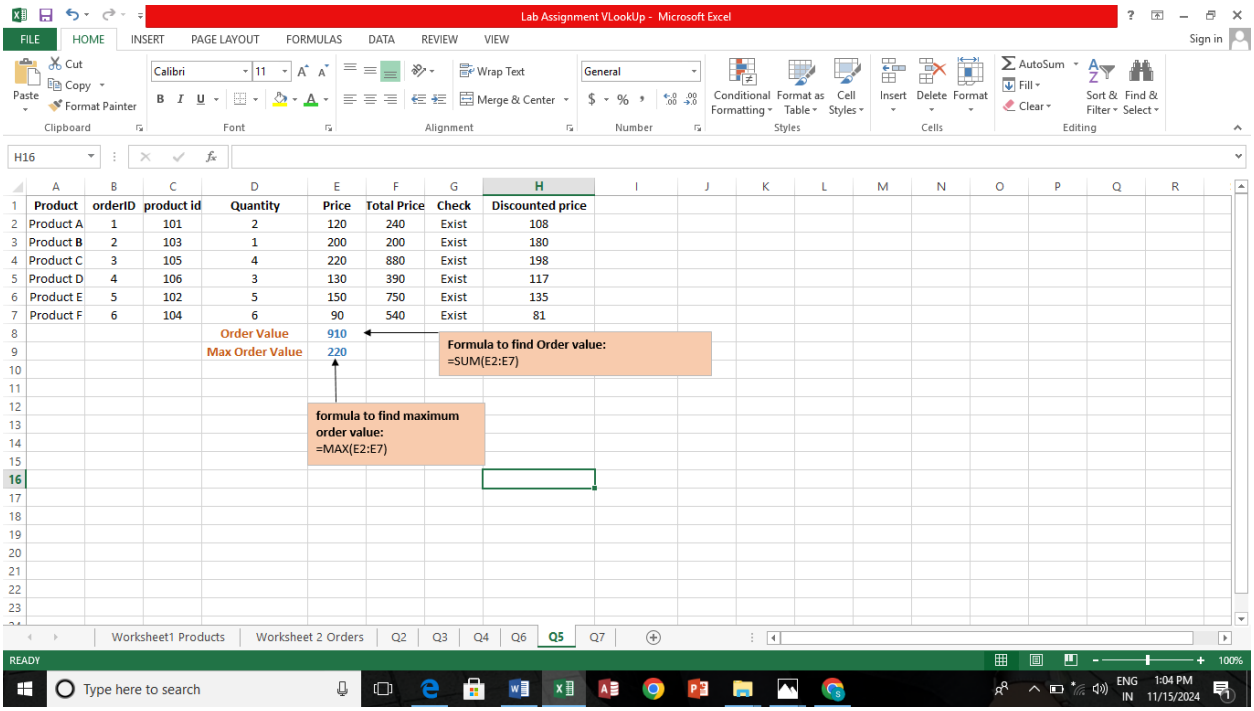
Product	orderID	product id	Quantity	Price	Total Price	Check
Product A	1	101	2	120	240	Exist
Product B	2	103	1	200	200	Exist
Product C	3	105	4	220	880	Exist
Product D	4	106	3	130	390	Exist
Product E	5	102	5	150	750	Exist
Product F	6	104	6	90	540	Exist

4. Assume a discount of 10% is given on all products. Use VLOOKUP to find the original price and then calculate the discounted price.



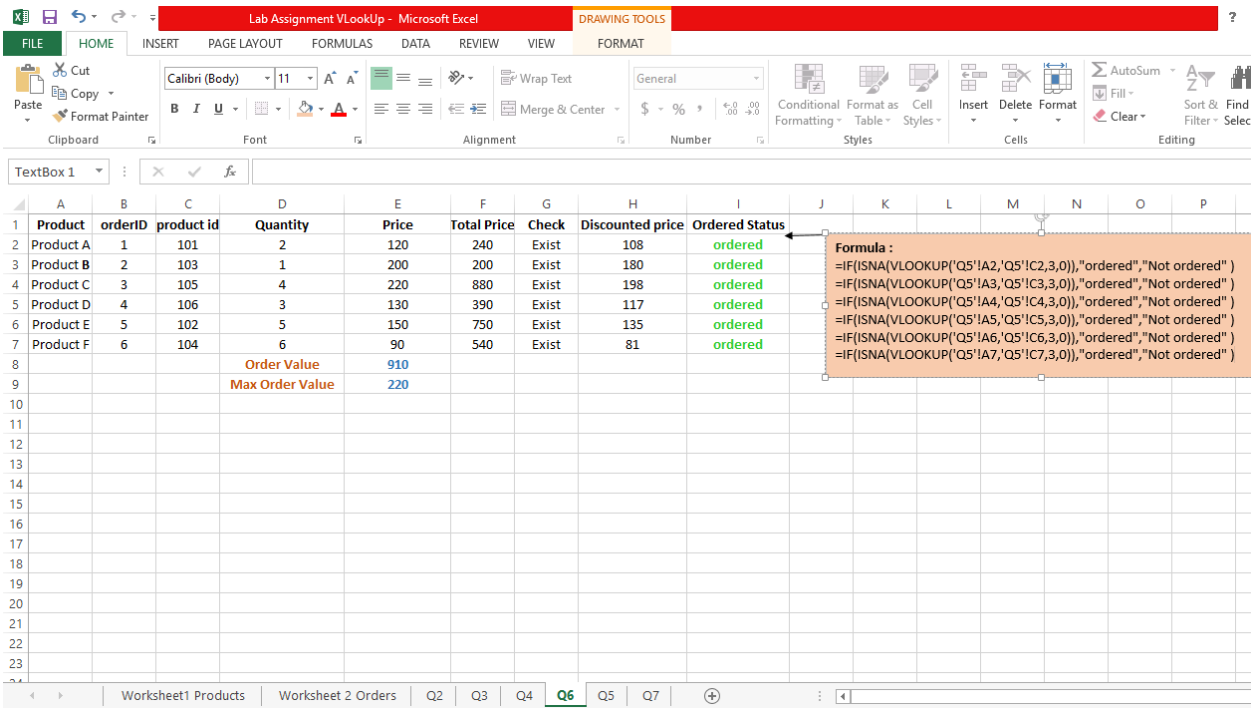
Product	orderID	product id	Quantity	Price	Total Price	Check	Discounted price
Product A	1	101	2	120	240	Exist	108
Product B	2	103	1	200	200	Exist	180
Product C	3	105	4	220	880	Exist	198
Product D	4	106	3	130	390	Exist	117
Product E	5	102	5	150	750	Exist	135
Product F	6	104	6	90	540	Exist	81

5. Use VLOOKUP to find the price for each ProductID and then calculate the order value. Find the maximum order value from the list.



Product	orderID	product id	Quantity	Price	Total Price	Check	Discounted price
Product A	1	101	2	120	240	Exist	108
Product B	2	103	1	200	200	Exist	180
Product C	3	105	4	220	880	Exist	198
Product D	4	106	3	130	390	Exist	117
Product E	5	102	5	150	750	Exist	135
Product F	6	104	6	90	540	Exist	81
			Order Value	910			
			Max Order Value	220			

6. Use VLOOKUP to find out which products from the Products worksheet have not been ordered.



Product	orderID	product id	Quantity	Price	Total Price	Check	Discounted price	Ordered Status
Product A	1	101	2	120	240	Exist	108	ordered
Product B	2	103	1	200	200	Exist	180	ordered
Product C	3	105	4	220	880	Exist	198	ordered
Product D	4	106	3	130	390	Exist	117	ordered
Product E	5	102	5	150	750	Exist	135	ordered
Product F	6	104	6	90	540	Exist	81	ordered
			Order Value	910				
			Max Order Value	220				

7. Use VLOOKUP to find the Product name and summarize the total quantity sold for each product.