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

	Clippoard	19	r c	nt	W.		Alignment
	D2	~	f_x	=(V	LOOKUP(B2,Sh	eet1!A1:C7	,2,0))
1	Α	В	С		D	Е	F
	product id	ProductID	Product quan	tity	Product		
	1	101	2		Product A		
	2	102	1		Product B		
	3	103	4		Product C		
	4	104	3		Product D		
	5	105	5		Product E		
	6	106	6		Product F		
	2 3 4 5 6	103 104 105	5		Product C Product D Product E		

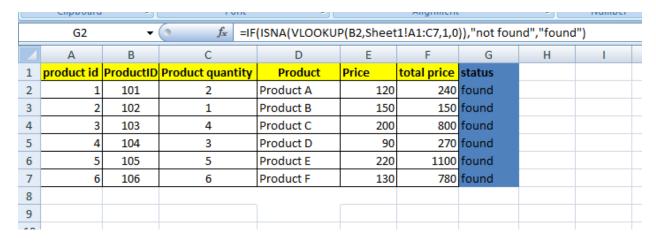
Formula: =(VLOOKUP(B2,Sheet1!A1:C7,2,0))

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.

	Clipboard	G.	Fon	it 🗔		Alignment			
	E2	•	f_x :	<i>f</i> _∞ =VLOOKUP(B2,Sheet1!A1:C7,3,0)					
4	A B C		D	Е	F	G			
1	product id	ProductID	Product quanti	ty Product	Price	total price			
2	1	101	2	Product A	120	240			
3	2	102	1	Product B	150	150			
4	3	103	4	Product C	200	800			
5	4	104	3	Product D	90	270			
6	5	105	5	Product E	220	1100			
7	6	106	6	Product F	130	780			
8									
9									
10									

Formula: =VLOOKUP(B2,Sheet1!A1:C7,3,0) and =E2*C2 (to get total cost)

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



Formula: =IF(ISNA(VLOOKUP(B2,Sheet1!A1:C7,1,0)),"not found","found")

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

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H2	•	∫ f _x =E2	2*0.9				
Α	В	С	D	Е	F	G	Н
product id	ProductID	Product quantity	Product	Price	total price	status	Discounted price
1	101	2	Product A	120	240	found	108
2	102	1	Product B	150	150	found	135
3	103	4	Product C	200	800	found	180
4	104	3	Product D	90	270	found	81
5	105	5	Product E	220	1100	found	198
6	106	6	Product F	130	780	found	117

Formula: =E2*0.9

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

	E9	•	f _x =MAX(E2:E7)						
4	Α	В	С	D	Е	F	G	Н	- 1
1	product id	ProductID	Product quantity	Product	Price	total price	status	Discounted price	
2	1	101	2	Product A	120	240	found	108	
3	2	102	1	Product B	150	150	found	135	
4	3	103	4	Product C	200	800	found	180	
5	4	104	3	Product D	90	270	found	81	
6	5	105	5	Product E	220	1100	found	198	
7	6	106	6	Product F	130	780	found	117	
8				order value	910				
9				max order value	220				

Formula: =SUM(E2:E7) & =MAX(E2:E7)

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

	Спрочити		TOTIL	5)[Angrimeric		- Humber	-)		
	12	•	f_x =IF	fx =IF(ISNA(VLOOKUP(B2,Sheet1!A1:C7,1,0)),"not ordered","ordered")							
4	Α	В	С	D	Е	F	G	Н	1		
1	product id	ProductID	Product quantity	Product	Price	total price	status	Discounted price	order		
2	1	101	2	Product A	120	240	found	108	ordered		
3	2	102	1	Product B	150	150	found	135	ordered		
4	3	103	4	Product C	200	800	found	180	ordered		
5	4	104	3	Product D	90	270	found	81	ordered		
6	5	105	5	Product E	220	1100	found	198	ordered		
7	6	106	6	Product F	130	780	found	117	ordered		
8				order value	910						
9				max order value	220						
10											

Formula: =IF(ISNA(VLOOKUP(B2,Sheet1!A1:C7,1,0)),"not ordered","ordered")

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

C2 ▼ (fx =VLOOK	JP(B2,She						
Α	В	С	D	Е	F	G	Н	I	
OrderID	ProductID	product					product	product sold	
1	101	Product A					Product A	0	
2	102	Product B					Product B	0	
3	103	Product C					Product C	0	
4	104	Product D					Product D	0	
5	105	Product E					Product E	0	
6	106	Product F					Product F	0	

Formula: =VLOOKUP(B2,Sheet1!A1:D7,2,0) & =SUMIF(Sheet4!B2:B7,Sheet4!H2,Sheet1!D2:D7)