ASSIGNMENT-2

DATASET:

	A	B	C	D
1	ProductID	Product	Price	
2	101	Product A	120	
3	102	Product B	150	
4	103	Product C	200	
5	104	Product D	90	
6	105	Product E	220	
7	106	Product F	130	
8				

	A	B	C
1	OrderId	ProductID	Quantity
2	1	101	2
3	2	102	1
4	3	103	4
5	4	104	3
6	5	105	5
7	6	106	6
8			
9			

Q1: Use VLOOKUP to find the product names for each ProductID in the Orders worksheet.

OUTPUT: =VLOOKUP(B2,products!A1:B7,2,FALSE)

	A	B	C	D	E
1	OrderId	ProductIC	Quantity	Q1 (Product N)	
2		1	101	2	Product A
3		2	102	1	Product B
4		3	103	4	Product C
5		4	104	3	Product D
6		5	105	5	Product E
7		6	106	6	Product F
8					
9					
10					

Q2: 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.
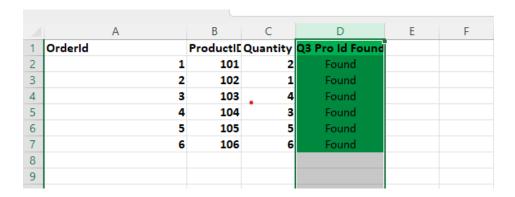
OUTPUT: =VLOOKUP(B2,products!A1:C7,3,FALSE)

=O2*C2

	A	B	C	D	E	F
1	OrderId	ProductIC	Quantity	Q2 Product Price	Total Price Q2	
2		1	101	2	120	240
3		2	102	1	150	150
4		3	103	4	200	800
5		4	104	3	90	270
6		5	105	5	220	1100
7		6	106	6	130	780
8						
9						
10						

Q3: Use VLOOKUP to check if there are any ProductIDs in the Orders worksheet that do not exist in the Products worksheet.

OUTPUT: =IF(ISNA(VLOOKUP(A, 1, FALSE)), "Not Found", "Found")

	A	B	C	D	E	F
1	OrderId	ProductIC	Quantity	Q3 Pro Id Found		
2		1	101	2	Found	
3		2	102	1	Found	
4		3	103	4	Found	
5		4	104	3	Found	
6		5	105	5	Found	
7		6	106	6	Found	
8						
9						

Q4: Assume a discount of 10% is given on all products. Use VLOOKUP to find the original price and then calculate the discounted price.

	A	B	C	D	E	F
1	OrderId		ProductII Quantity	Q4 Discount Price		
2		1	101	2	108		
3		2	102	1	135		
4		3	103	4	180		
5		4	104	3	81		
6		5	105	5	198		
7		6	106	6	117		
8							
9							

Q5: Use VLOOKUP to find the price for each ProductID and then calculate the order value. Find the maximum order value from the list.

	A	B	C	D	E	F	C
1	OrderId		ProductIL Quantity	Q5 Order Value	Q5 MAX Order Value		
2		1	101	2	240	1100		
3		2	102	1	150			
4		3	103	4	800			
5		4	104	3	270			
6		5	105	5	1100			
7		6	106	6	780			
8								
9								
10								
11								
12								

Q6: Use VLOOKUP to find out which products from the Products worksheet have not been ordered.

	A	B	C	D
1	OrderId		ProductIL Quantity	Q6 ordered or not ordered
2		1	101	2 Ordered
3		2	102	1 Ordered
4		3	103	4 Ordered
5		4	104	3 Ordered
6		5	105	5 Ordered
7		6	106	6 Ordered
8				
9				

Q7: Use VLOOKUP to find the Product name and summarize the total quantity sold for each product.

	A	B	C	D	E
1	OrderId		ProductID	Quantity	Q7 Total Quantity	
2		1	101	2	2	
3		2	102	1	1	
4		3	103	4	4	
5		4	104	3	3	
6		5	105	5	5	
7		6	106	6	6	
8						
9						

NAME: DASHMEET SINGH