

LAB ASSIGNMENT 4

1. HLOOKUP to find the sales for Product A in March.

ANSWER : =HLOOKUP(I2, A1:F7, 2, FALSE)

	A	B	C	D	E	F	G	H	I	J	K
1	Product	Jan	Feb	Mar	Apr	May		QUESTION 1.			
2	Product A	120	130	140	150	160		Product A	Mar	140	
3	Product B	150	160	170	180	190		QUESTION 2.			
4	Product C	200	210	220	230	240		Product B	May	160	
5	Product D	90	100	110	120	130		QUESTION 3.			
6	Product E	220	230	240	250	260		Product C	Feb	130	
7	Product F	130	140	150	160	170					
8											
9											
10											
11											
12											

2. Use HLOOKUP to find the sales for Product D in May.

ANSWER: =HLOOKUP(I4, A1:F7, 2, FALSE)

	A	B	C	D	E	F	G	H	I	J	K
1	Product	Jan	Feb	Mar	Apr	May		QUESTION 1.			
2	Product A	120	130	140	150	160		Product A	Mar	140	
3	Product B	150	160	170	180	190		QUESTION 2.			
4	Product C	200	210	220	230	240		Product B	May	160	
5	Product D	90	100	110	120	130		QUESTION 3.			
6	Product E	220	230	240	250	260		Product C	Feb	130	
7	Product F	130	140	150	160	170					
8											
9											

3. Use HLOOKUP to find the sales for Product C in February.

ANSWER: =HLOOKUP(I6, A1:F7, 2, FALSE)

6. Use HLOOKUP to find the minimum sales value for Product F across all months.

ANSWER : =MIN(HLOOKUP(B2, A2:F7, 6, FALSE), HLOOKUP(C2, A2:F7, 6, FALSE), HLOOKUP(D2, A2:F7, 6, FALSE), HLOOKUP(E2, A2:F7, 6, FALSE), HLOOKUP(F2, A2:F7,6, FALSE))

Clipboard		Font		Alignment		Number		Formatting		Cells										
3		=MIN(HLOOKUP(B2, A2:F7, 6, FALSE), HLOOKUP(C2, A2:F7, 6, FALSE), HLOOKUP(D2, A2:F7, 6, FALSE), HLOOKUP(E2, A2:F7, 6, FALSE), HLOOKUP(F2, A2:F7, 6, FALSE))																		
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Product	Jan	Feb	Mar	Apr	May	QUESTION 1.			QUESTION 4.			QUESTION 5.		QUESTION 6.		QUESTION 7.				
Product A	120	130	140	150	160	Product A Mar			140	700			MAX PRODUCT B		MIN PRODUCT F		AVERAGE OF PRODUCT E			
Product B	150	160	170	180	190	QUESTION 2.			850			190		130		240				
Product C	200	210	220	230	240	Product B May			160	1100										
Product D	90	100	110	120	130	QUESTION 3.			550											
Product E	220	230	240	250	260	Product C Feb			130	1200										
Product F	130	140	150	160	170				750											
1. Use HLOOKUP to find the sales for Product A in March.																				
2. Use HLOOKUP to find the sales for Product D in May.																				
3. Use HLOOKUP to find the sales for Product C in February.																				
4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.																				
5. Use HLOOKUP to find the maximum sales value for Product B across all months.																				
6. Use HLOOKUP to find the minimum sales value for Product F across all months.																				
7. Use HLOOKUP to find the average sales value for Product E across all months.																				

7. Use HLOOKUP to find the average sales value for Product E across all months.

ANSWER:

=AVERAGE(HLOOKUP(B2, A2:F7, 5, FALSE), HLOOKUP(C2, A2:F7, 5, FALSE), HLOOKUP(D2, A2:F7, 5, FALSE), HLOOKUP(E2, A2:F7,5, FALSE), HLOOKUP(F2, A2:F7,5, FALSE))

Clipboard		Font		Alignment		Number		Styles		Cells		Editing			
R3		=AVERAGE(HLOOKUP(B2, A2:F7, 5, FALSE), HLOOKUP(C2, A2:F7, 5, FALSE), HLOOKUP(D2, A2:F7, 5, FALSE), HLOOKUP(E2, A2:F7,5, FALSE), HLOOKUP(F2, A2:F7,5, FALSE))													
Product	Jan	Feb	Mar	Apr	May	QUESTION 1.		QUESTION 4.		QUESTION 5.		QUESTION 6.		QUESTION 7.	
Product A	120	130	140	150	160	Product A	Mar	140	700	MAX PRODUCT B	190	MIN PRODUCT F	130	AVERAGE OF PRODUCT E	240
Product B	150	160	170	180	190	QUESTION 2.			850						
Product C	200	210	220	230	240	Product B	May	160	1100						
Product D	90	100	110	120	130	QUESTION 3.			550						
Product E	220	230	240	250	260	Product C	Feb	130	1200						
Product F	130	140	150	160	170				750						
1. Use HLOOKUP to find the sales for Product A in March.															
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4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.															

8. Use INDEX and MATCH to create a dynamic lookup where the user can input a product and a month, and the formula returns the corresponding sales.

ANSWER: =INDEX(D2:H7,MATCH(Q2,B2:B7,0),MATCH(Q3,D1:H1,0))

	K	L	M	N	O	P	Q	R	S
QUESTION 8.									
220 Clothing		190 May Sales		540		110	260 PROD A		
		160					May Sales		
							Jan Sales		
							Feb Sales		
							Mar Sales		
							Apr Sales		
							May Sales		

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