LAB ASSIGNMENT 4

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

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

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J2	2	*	: ×	~	f _x	=HLOOK	UP(12, A	1:F7, 2, F	ALSE)		
4	А	В	С	D	Е	F	G	Н	1	J	Κ
1	Product	Jan	Feb	Mar	Арr	May		QUESTION	11.		
2	Product A	120	130	140	150	160		Product A	Mar	140	
3	Product B	150	160	170	180	190		QUESTION	1 2.		
4	Product C	200	210	220	230	240		Product B	May	160	
5	Product D	90	100	110	120	130		QUESTION	1 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											

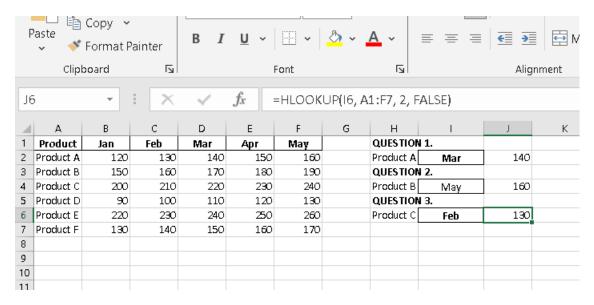
2. Use HLOOKUP to find the sales for Product D in May.

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

JZ	1	•	X	~	fx	=HLOOK	UP(14, <i>A</i>	A1:F7, 2, F	ALSE)		
4	А	В	С	D	Е	F	G	Н	I	J	K
1	Product	Jan	Feb	Mar	Apr	May		QUESTION	l 1.		
2	Product A	120	130	140	150	160		Product A	Mar	140	
3	Product B	150	160	170	180	190		QUESTION	12.		
4	Product C	200	210	220	230	240		Product B	May	160	
5	Product D	90	100	110	120	130		QUESTION	13.		
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)



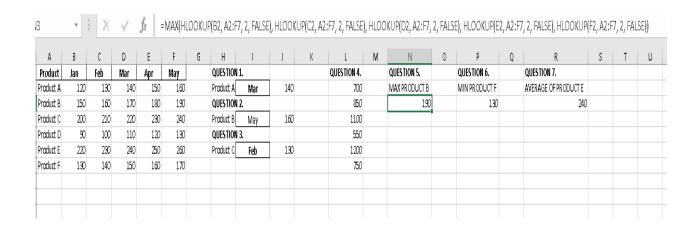
4. Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

ANSWER: =SUM(HLOOKUP(B1, A1:F7, 2, FALSE), HLOOKUP(C1, A1:F7, 2, FALSE), HLOOKUP(D1, A1:F7, 2, FALSE), HLOOKUP(E1, A1:F7, 2, FALSE), HLOOKUP(F1, A1:F7, 2, FALSE))

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!	-	X	~	fx =	SUM(HL	OOKUP(B1, A1:	F7, 2, FALS	E), HLOOI	(UP(C1, A	1:F7, 2, FALSE]	, HLOC)KUP(D1, A1:F7,	2, FALS	E), HLOOKUP(E	1, A1:F	7, 2, FALSE), HLOOKUP	F1, A1:	7, 2, FAL	.SE))
A	В	С	D	Е	F	G H	1	J	K	L	М	N	0	P	Q	R	S	Т	U
Product	Jan	Feb	Mar	Apr	May	QUESTIO	N 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	QUESTIO	N 2.			850		190		130		240			
Product C	200	210	220	230	240	Product B	May	160		1100									
Product D	90	100	110	120	130	QUESTIO	N 3.			550									
Product E	220	230	240	250	260	Product C	Feb	130		1200									
Product F	130	140	150	160	170					750									

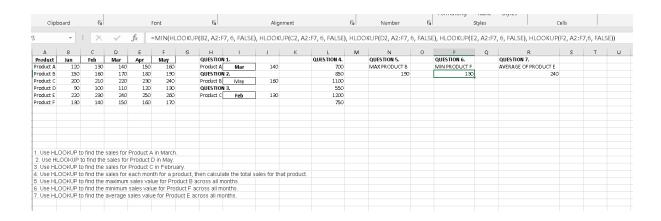
5. Use HLOOKUP to find the maximum sales value for Product B across all months.

ANSWER: =MAX(HLOOKUP(B2, A2:F7, 2, FALSE), HLOOKUP(C2, A2:F7, 2, FALSE), HLOOKUP(D2, A2:F7, 2, FALSE), HLOOKUP(E2, A2:F7, 2, FALSE), HLOOKUP(F2, A2:F7, 2, FALSE))



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

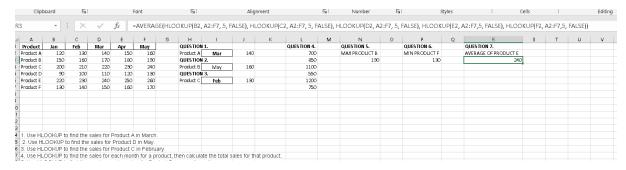
ANSWER: =MIN(HLOOKUP(B2, A2:F7, 6, FALSE), HLOOKUP(C2, A2:F7, 6, FALSE), HLOOKUP(D2, A2:F7, 6, FALSE), HLOOKUP(E2, A2:F7, 6, FALSE), HLOOKUP(F2, A2:F7,6, FALSE))



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))



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	0	Р	Q	R	S
TION			UESTION	UESTION	UESTION	UESTION	8.	
hing	190	May Sales	540	110	260	PROD A	₩.	
		160				PROD A		
						PROD B PROD C		
						PROD D		
						PROD E		
						PROD F		

	К	L	М	N	0	Р	Q	R 9
ON	UESTION	UESTION	UESTION	UESTION !	UESTION	UESTION	UESTION 8	3.
220	Clothing	190	May Sales	540	110		PROD A	
			160				May Sales	₩.
							Jan Sales Feb Sales	
							Mar Sales	
							Apr Sales May Sales	
							Iviay Sales	
esil								

4	~	X	~	f_x	=INDEX(D2:H7,MATCH(Q2,B2:B7,0),MATCH(Q3,D1:H1,0))											
А	ВС	D	Е	F	G	Н	ı	J	K	L	М	N	0	Р	Q	R
roducti	ProducÇateg	organ Sale	eeb Sale	lar Saler	or Sale	ay Sales	G	UESTION	UESTION	UESTION	UESTION	UESTION	UESTION	UESTION	UESTION 8.	
101	PROD A Electr	on 120	130	140	150	160		220	Clothing	190	May Sales	540	110	260	PROD A	
102	PROD E Furnit	ur 150	160	170	180	190					160				May Sales	
103	PROD C Electr	on 200	210	220	230	240									160	
104	PROD D Clothi	ng 90	100	110	120	130										
105	PROD E Furnit	ur 220	230	240	250	260										
106	PROD F Electr	on 130	140	150	160	170										
4.11 0100		6 11		A												
	EX and MATCH t				ch.											
2 Health	EV SAAMATCH :	a final tha a -	standari far 🛭	Dradinat F												