ASSIGNMENT-3

DATASET:

Product Name	Jan	Feb	Mar	Apr	May
Product A	120	130	140	150	160
Product B	150	160	170	180	190
Product C	200	210	220	230	240
Product D	90	100	110	120	130
Product E	220	230	240	250	260
Product F	130	140	150	160	170

Q1: . Use HLOOKUP to find the sales for Product A in March.

OUTPUT: =HLOOKUP(D1,A1:E7,2,FALSE)

	A	B	C	D	E	F	G
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q1**
2	Product A	120	130	140	150	160	140
3	Product B	150	160	170	180	190	
4	Product C	200	210	220	230	240	
5	Product D	90	100	110	120	130	
6	Product E	220	230	240	250	260	
7	Product F	130	140	150	160	170	
8							

Q2: Use HLOOKUP to find the sales for Product D in May.

OUTPUT: =HLOOKUP(F1,A1:F7,5,FALSE)

	A	B	C	D	E	F	G
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q2**
2	Product A	120	130	140	150	160	130
3	Product B	150	160	170	180	190	
4	Product C	200	210	220	230	240	
5	Product D	90	100	110	120	130	
6	Product E	220	230	240	250	260	
7	Product F	130	140	150	160	170	
8							
9							

Q3: Use HLOOKUP to find the sales for Product C in February.

OUTPUT: =HLOOKUP(C1,A1:F7,4,FALSE)

	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q3**	
2	Product A	120	130	140	150	160	210	
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		
8								

Q4: Use HLOOKUP to find the sales for each month for a product, then calculate the total sales for that product.

OUTPUT:
=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))

	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q4**	
2	Product A	120	130	140	150	160	700	
3	Product B	150	160	170	180	190	850	
4	Product C	200	210	220	230	240	1100	
5	Product D	90	100	110	120	130	550	
6	Product E	220	230	240	250	260	1200	
7	Product F	130	140	150	160	170	750	
8								

Q5: Use HLOOKUP to find the maximum sales value for Product B across all months.

OUTPUT: =MAX(HLOOKUP("Jan", A1:F6, 3, FALSE), HLOOKUP("Feb", A1:F6, 3, FALSE), HLOOKUP("Mar", A1:F6, 3, FALSE), HLOOKUP("Apr", A1:F6, 3, FALSE), HLOOKUP("May", A1:F6, 3, FALSE))

	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q5**	
2	Product A	120	130	140	150	160	190	
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		
8								

Q6: Use HLOOKUP to find the minimum sales value for Product F across all months.

OUTPUT: =MIN(HLOOKUP("Jan", A1:F7, 7, FALSE), HLOOKUP("Feb", A1:F7, 7, FALSE), HLOOKUP("Mar", A1:F7, 7, FALSE), HLOOKUP("Apr", A1:F7, 7, FALSE), HLOOKUP("May", A1:F7, 7, FALSE))

	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q6**	
2	Product A	120	130	140	150	160	130	
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		
8								

Q7: Use HLOOKUP to find the average sales value for Product E across all months.

OUTPUT: =AVERAGE(HLOOKUP("Jan", A1:F6, 6, FALSE), HLOOKUP("Feb", A1:F6, 6, FALSE), HLOOKUP("Mar", A1:F6, 6, FALSE), HLOOKUP("Apr", A1:F6, 6, FALSE), HLOOKUP("May", A1:F6, 6, FALSE))

	A	B	C	D	E	F	G	H
1	**Product Name**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Q7**	
2	Product A	120	130	140	150	160	240	
3	Product B	150	160	170	180	190		
4	Product C	200	210	220	230	240		
5	Product D	90	100	110	120	130		
6	Product E	220	230	240	250	260		
7	Product F	130	140	150	160	170		
8								

NAME: DASHMEET SINGH