Lab Assignment – 2

HLOOKUP Function

HLookUp Exercises

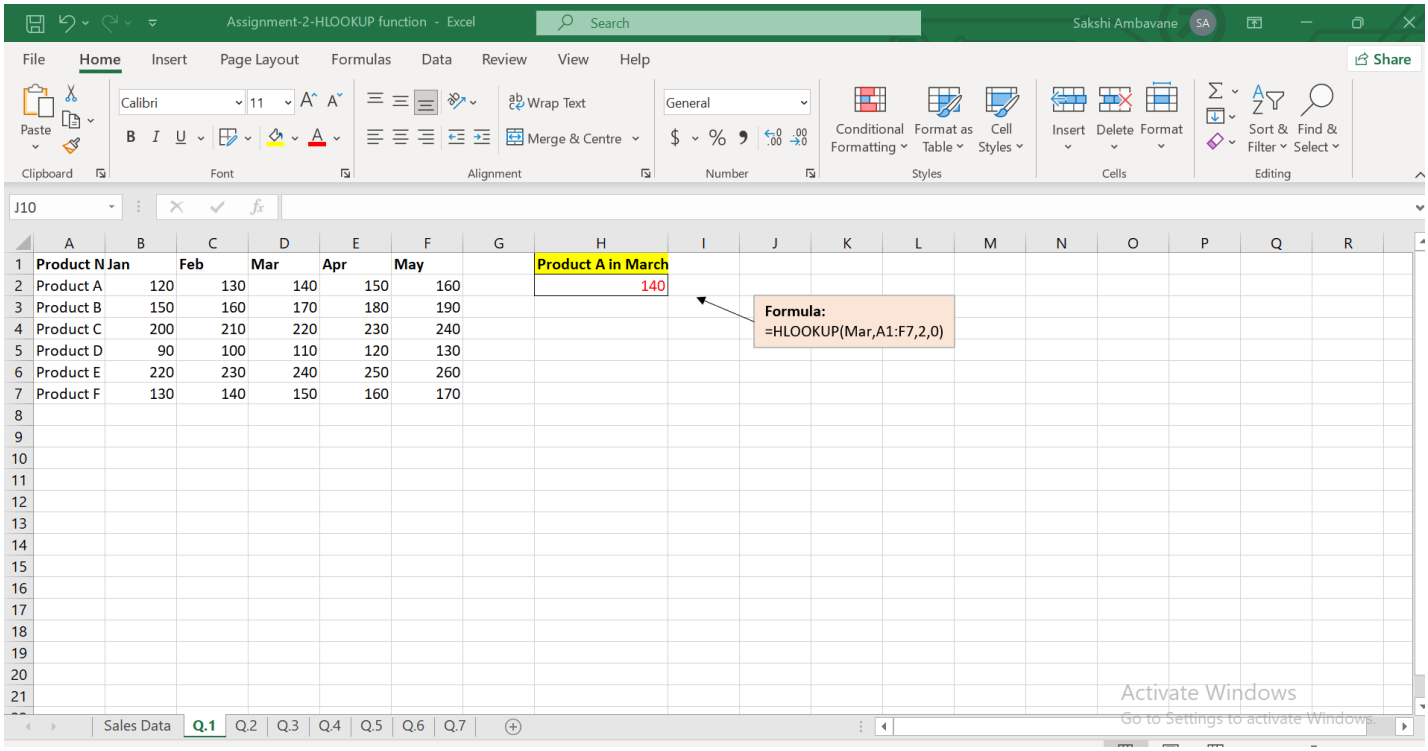
Assume you have the following dataset in an Excel worksheet starting from cell A1:

Worksheet: SalesData

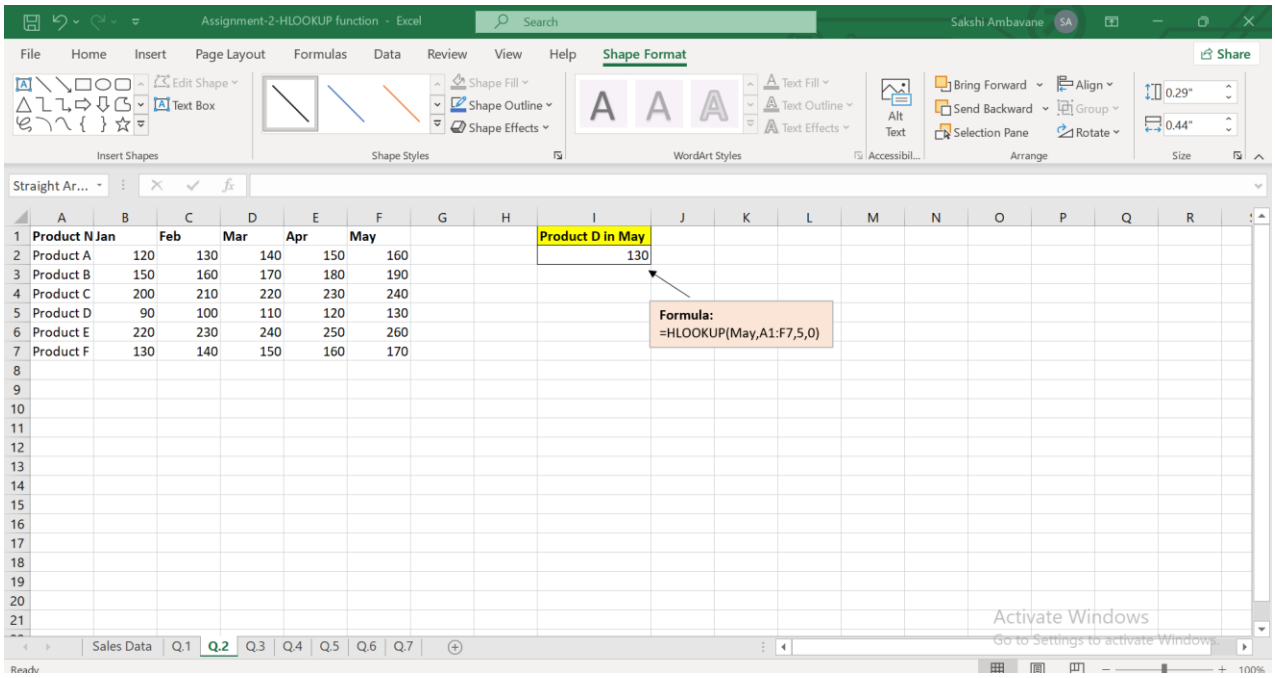
	Jan	Feb	Mar	Apr	May
Product A	120	130	140	150	160
Product B	150	160	170	180	190
Product C	200	210	220	230	240
Product D	90	100	110	120	130
Product E	220	230	240	250	260
Product F	130	140	150	160	170

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.

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

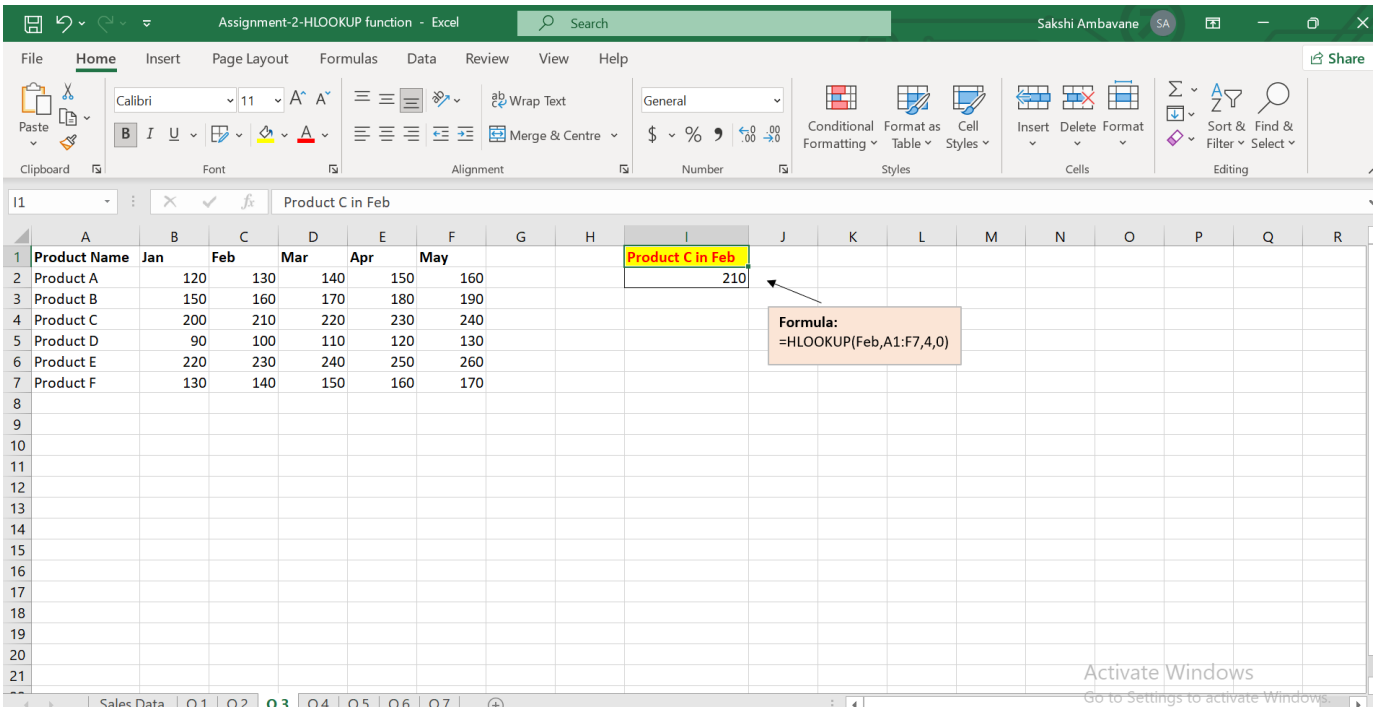


Q.2) Use HLOOKUP to find the sales for Product D in May.



Product N	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

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



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

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

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

Formula:
1)for finding sales for each month of product
=HLOOKUP(B1,A1:F7,2,0)
2) To find the total sales of that product
=SUM(B2:F2)

Product A sales for each month	Jan	Feb	Mar	Apr	May
Sales	120	130	140	150	160
Total sales for that product A	700				

Product B sales for each month	Jan	Feb	Mar	Apr	May
Sales	150	160	170	180	190
Total sales for that product B	850				

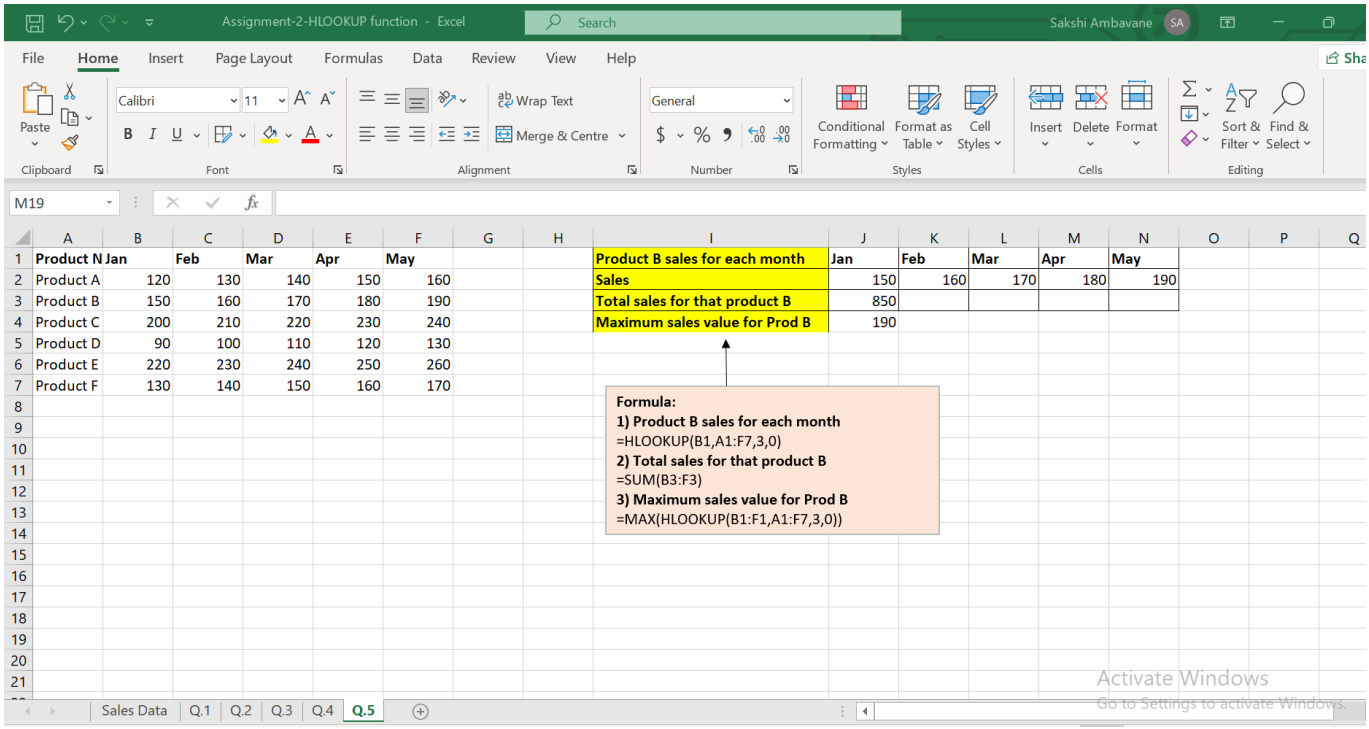
Product C sales for each month	Jan	Feb	Mar	Apr	May
Sales	200	210	220	230	240
Total sales for that product C	1100				

Product D sales for each month	Jan	Feb	Mar	Apr	May
Sales	90	100	110	120	130
Total sales for that product D	550				

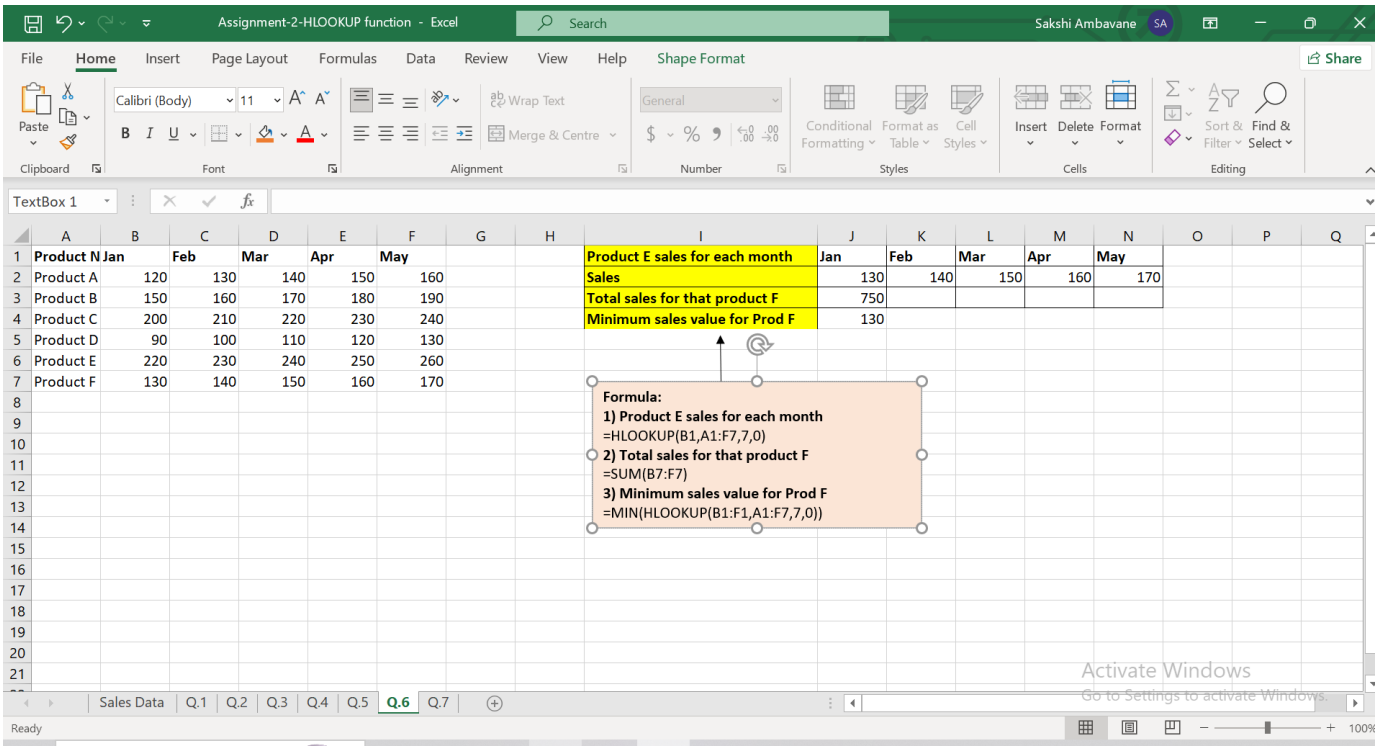
Product E sales for each month	Jan	Feb	Mar	Apr	May
Sales	220	230	240	250	260
Total sales for that product E	1200				

Product F sales for each month	Jan	Feb	Mar	Apr	May
Sales	130	140	150	160	170
Total sales for that product F	750				

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



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

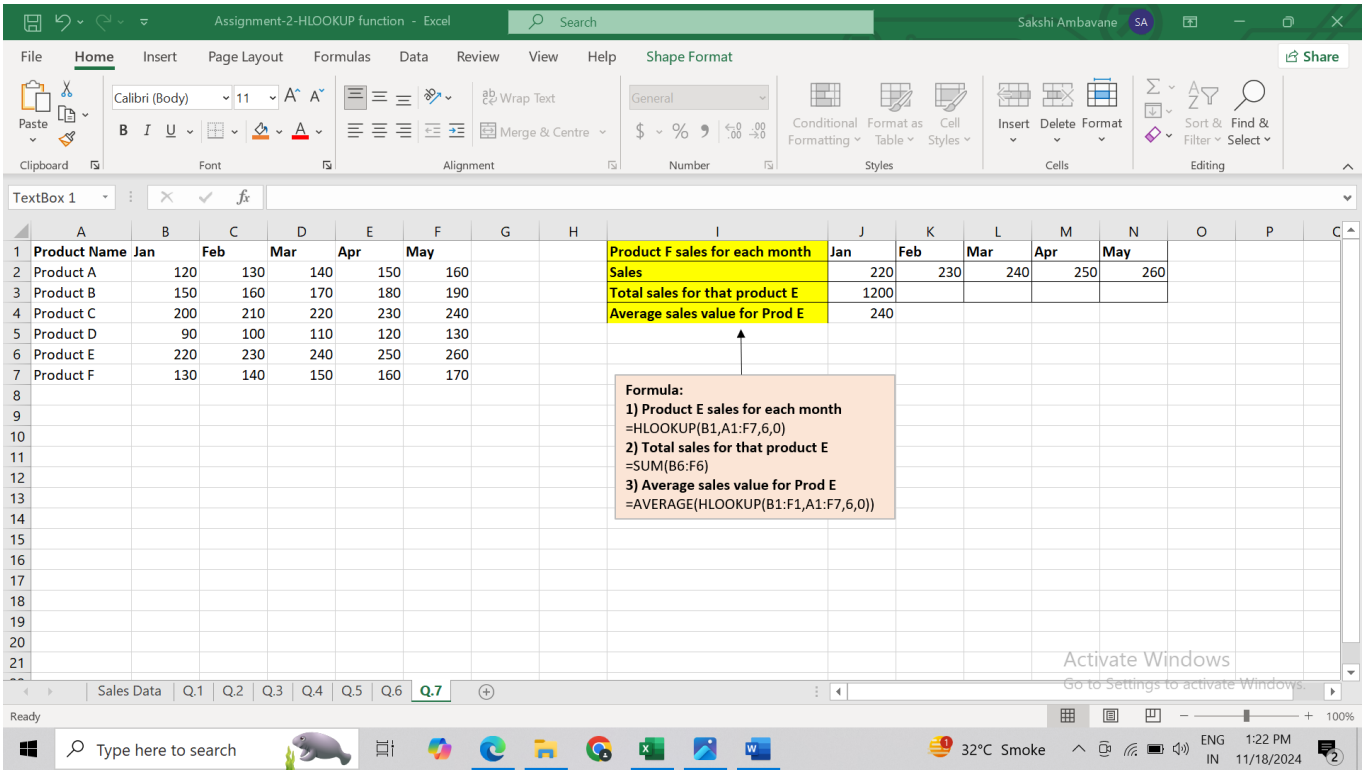


Product N	Jan	Feb	Mar	Apr	May
Product A	120	130	140	150	160
Product B	150	160	170	180	190
Product C	200	210	220	230	240
Product D	90	100	110	120	130
Product E	220	230	240	250	260
Product F	130	140	150	160	170

Product E sales for each month	Jan	Feb	Mar	Apr	May
Sales	130	140	150	160	170
Total sales for that product F	750				
Minimum sales value for Prod F	130				

Formula:
1) Product E sales for each month
=HLOOKUP(B1,A1:F7,7,0)
2) Total sales for that product F
=SUM(B7:F7)
3) Minimum sales value for Prod F
=MIN(HLOOKUP(B1:F1,A1:F7,7,0))

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



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

Product F sales for each month	Jan	Feb	Mar	Apr	May
Sales	220	230	240	250	260
Total sales for that product E	1200				
Average sales value for Prod E	240				

Formula:
1) Product E sales for each month
=HLOOKUP(B1,A1:F7,6,0)
2) Total sales for that product E
=SUM(B6:F6)
3) Average sales value for Prod E
=AVERAGE(HLOOKUP(B1:F1,A1:F7,6,0))