ProductID	Product	Category	Jan Sales	Feb Sales	Mar Sales	Apr Sales	May Sales
101	Prod A	Electronics	120	130	140	150	160
102	Prod B	Furniture	150	160	170	180	190
103	Prod C	Electronics	200	210	220	230	240
104	Prod D	Clothing	90	100	110	120	130
105	Prod E	Furniture	220	230	240	250	260
106	Prod F	Electronics	130	140	150	160	170

1.Use Index And Match to find the sales for Product C in March.

Step 1= Create a new table to find the Product C in March,

Step 2= Using The Following Formula

=INDEX(D3:H9,MATCH(C11,D3:H3,0),MATCH(B12,B4:B9,0)).

Where "**D3:H9" is** Range of Months in given table,"C11**"** is cell no of March," **D3:H3"** is range of Jan to May sales."0" is exact match .And "B12"is cell no of Product C,"**B4:B9"** is range of product in table.

1	Mar Sales
PROD C	170

2.Use Index And Match to find the category for Product E.

Step 1= Create a new table to find the Product E .

Step 2= Using The Following Formula

=INDEX(C4:C9,MATCH(B19,B4:B9,0))

Where " **C4:C9" is** Category Range," **B19"** is cell no of Product E.And"**B4:B9"** is range of product in table.

2	Category
Prod E	Furniture

3.Use Index And Match to find the maximum sales for Product B across all months.

Step 1= Create a new table to find the Product B

Step 2= Using The Following Formula

=MAX(INDEX(D4:H9,MATCH(E20,B4:B9,0),0)).

Where "**D4:H9" is** Range of Months in given table,"E20**"** is cell no of Product B,"**B4:B9"** is range of product in table And"0" is exact match.

3	**Max Sales**
Prod B	190

4.Use Index And Match to find the month with the maximum sales for Product A.

Step 1= Create a new table to find the Product A For Max Sales,

Step 2= Using The Following Formula

=INDEX(D3:H3,MATCH(MAX(INDEX(D4:H9,MATCH(E23,B4:B9,0),0)),INDEX(D4:H9,MATCH(E23,B4:B9,0),0),0)).

Where " **D3:H3" is** Jan to May row data," **D4:H9"** is Range of Months in given table ,"0" is exact match .And "E23"is cell no of Product A,"**B4:B9"** is range of product in table. "0" is exact match.

4	**Max Sales**
Prod A	May Sales

5.Use Index And Match, SUMIF to sum the sales for all products in the "Electronics" category for April.

Step 1= Create a new table to find the Products in electronics,and another cell for Category.

Step 2= Using The Following Formula

=SUMIF(C4:C9,F27,INDEX(D4:H9,0,MATCH(F26,D3:H3,0)))

Where " **C4:C9" is** Category Range,"F27**"** is cell no of Category," **D4:H9"** is Range of Months in given table "0" is exact match .And " **F26**"is cell no of Apr Sales," **D3:H3"** is range of month in table.

Apr Sales	**Total**
Electronics	540

6.Use Inedx And Match to calculate the average sales for Product D across all months.

Step 1= Create a new table to for the Product D And another cell For Average .

Step 2= USing The Following Formula**=AVERAGE(INDEX(D4:H9,MATCH(F31,B4:B9,0),0))**

Where "**D4:H9" is** range of sales data,"F31**"** is cell no of Product D,"0" is exact match ,"**B4:B9"** is range of product in table.

6	**Avg Sales**
Prod D	110

7.Use Inedx And Match to find the sales for Product ID 105 in May.

Step 1= Create a new table to find the Product ID 105.

Step 2= USing The Following Formula

=INDEX(D4:H9,MATCH(F34,A4:A9,0),MATCH(G33,D3:H3,0))

Where "**D4:H9" is** range of sales data,"f34**"** is cell no of Product ID," **A4:A9" is range of Product Id,**"0" is exact match .And "**G33**"is cell no of Product ,"**B4:B9"** is range of product in table.

Product ID	**May Sales**
105	260