

functions no 2	Name of Assingment -Basic of excel				
QUESTION NO -1	Explain the difference between Relative , Absolute and Mixed Cell Referencing. You have the following dataset ?				
ANSWER	<p>REALATIVE CELL- A relative cell reference means the cell address changes automatically when you copy to another cell</p> <p>EXAMPLE = CELL A1=10, CELL ,B1=20 and you type C1 =A1+B1 Automatically change whre you send the data</p>				
	<p>ABSOLUTE CELL- The cell address not change where the formula is copied THE SIGN IS IN (\$)</p> <p>EXAMPLES - \$A\$1 ITS means a coloum A is fixed and row 1 is fix</p>				
	<p>MIXX CELL - a mixed cell refernce is either row and coloum is fixed</p> <p>EXAMPLES - the sign is \$</p>				

2. Write a formula to calculate the total sales of Car and Bicycle only.

VECHILE	PRICE
CAR	500000
BYCYCLE	10500
AUTORICKSHAW	25000

ANSWER

510500

USING THE FORMULAS OF SUM

3. Using the data below, write a formula to calculate the average sales of items priced above 100 but less than 300

Item	Price	Sales	AVERAGE SALES
Item A	90	1000	1350
Item B	150	1200	
Item C	250	1500	

solution = using the ifs formula

OrderID	CustomerName	Region	Product	Quantity	UnitPrice	OrderDate					
1001	Amit Sharma	North	Notebook	10	50	1/5/2024					4. Count how many customer names are recorded.
1002	Neha Verma	South	Pen	20	10	1/6/2024			50		
1003	Rahul Singh	East	Marker	15	25	1/7/2024					
1004	Pooja Mehta	West	Notebook	5	50	1/8/2024					using the(counta)formula
1005	Ankit Jain	North	Pencil	30	5	1/10/2024					
1006	Sneha Patel	South	Notebook	12	50	1/11/2024					
1007	Vikas Gupta	East	Eraser	25	8	1/13/2024					
1008	Meera Nair	West	Pen	18	10	1/15/2024					
1009	Anjali Rao	North	Marker	22	25	1/17/2024					
1010	Manoj Das	South	Notebook	8	50	1/18/2024					
1011	Ritika Sen	East	Pencil	40	5	1/19/2024					
1012	Karan Malhotra	West	Eraser	35	8	1/20/2024					
1013	Aryan Joshi	North	Notebook	14	50	1/22/2024					
1014	Divya Kapoor	South	Pen	28	10	1/23/2024					
1015	Sahil Arora	East	Marker	12	25	1/24/2024					
1016	Muskan Jain	West	Pencil	25	5	1/26/2024					
1017	Rohan Gupta	North	Eraser	20	8	1/28/2024					
1018	Nidhi Sharma	South	Notebook	10	50	1/29/2024					
1019	Tarun Verma	East	Pen	15	10	1/30/2024					
1020	Simran Kaur	West	Marker	18	25	2/1/2024					
1021	Deepak Rao	North	Notebook	9	50	2/2/2024					
1022	Payal Mehta	South	Pencil	35	5	2/3/2024					
1023	Aditya Singh	East	Eraser	30	8	2/4/2024					
1024	Shreya Nair	West	Notebook	11	50	2/6/2024					
1025	Sanjay Kumar	North	Pen	14	10	2/7/2024					
1026	Aarti Sharma	South	Marker	16	25	2/8/2024					
1027	Rajesh Patel	East	Pencil	22	5	2/9/2024					
1028	Preeti Joshi	West	Eraser	27	8	2/10/2024					
1029	Anurag Mishra	North	Notebook	13	50	2/12/2024					
1030	Sanya Kapoor	South	Pen	32	10	2/13/2024					
1031	Harsh Yadav	East	Marker	10	25	2/14/2024					
1032	Kajal Rani	West	Pencil	18	5	2/16/2024					
1033	Varun Sharma	North	Eraser	22	8	2/17/2024					
1034	Swati Arora	South	Notebook	17	50	2/18/2024					
1035	Akhil Jain	East	Pen	19	10	2/19/2024					

1036	Priyanka Das	West	Marker	15	25	2/21/2024					
1037	Ravi Nair	North	Pencil	28	5	2/22/2024					
1038	Komal Singh	South	Eraser	24	8	2/23/2024					
1039	Ayesha Khan	East	Notebook	16	50	2/25/2024					
1040	Arjun Mehta	West	Pen	27	10	2/26/2024					
1041	Sonali Gupta	North	Marker	21	25	2/27/2024					
1042	Neeraj Kapoor	South	Pencil	30	5	2/28/2024					
1043	Shruti Sharma	East	Eraser	26	8	3/1/2024					
1044	Yash Arora	West	Notebook	14	50	3/2/2024					
1045	Manish Das	North	Pen	20	10	3/3/2024					
1046	Rupal Nair	South	Marker	17	25	3/4/2024					
1047	Sonia Verma	East	Pencil	19	5	3/5/2024					
1048	Kunal Singh	West	Eraser	32	8	3/6/2024					
1049	Ritika Jain	North	Notebook	12	50	3/7/2024					
1050	Vivek Malhotra	South	Pen	25	10	3/8/2024					

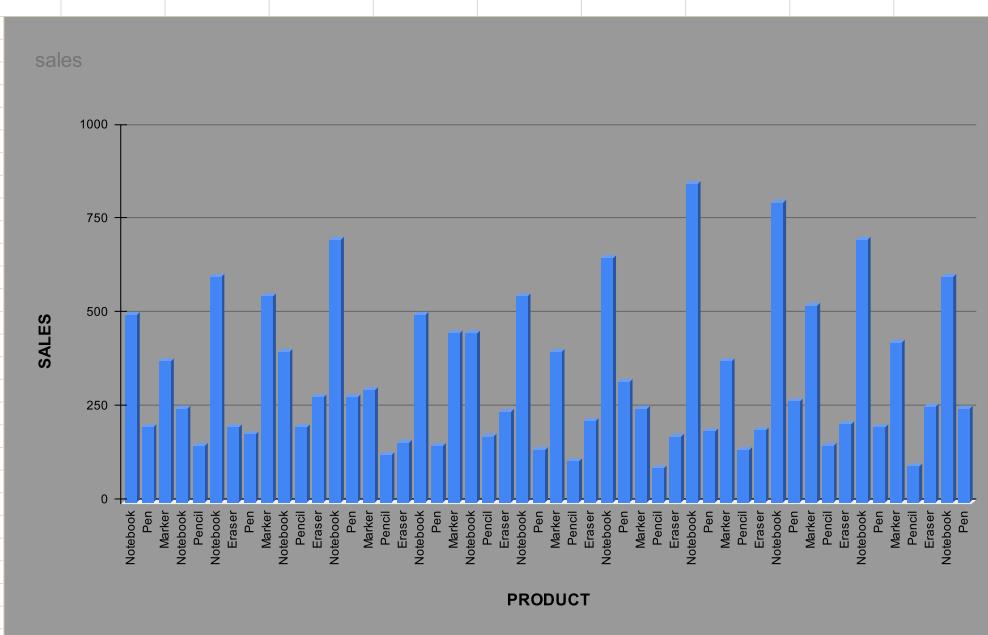
5. Calculate the Total Sales for each row using a formula.							
OrderID	CustomerName	Region	Product	Quantity	UnitPrice	OrderDate	Answer
1001	Amit Sharma	North	Notebook	10	50	1/5/2024	500
1002	Neha Verma	South	Pen	20	10	1/6/2024	200
1003	Rahul Singh	East	Marker	15	25	1/7/2024	375
1004	Pooja Mehta	West	Notebook	5	50	1/8/2024	250
1005	Ankit Jain	North	Pencil	30	5	1/10/2024	150
1006	Sneha Patel	South	Notebook	12	50	1/11/2024	600
1007	Vikas Gupta	East	Eraser	25	8	1/13/2024	200
1008	Meera Nair	West	Pen	18	10	1/15/2024	180
1009	Anjali Rao	North	Marker	22	25	1/17/2024	550
1010	Manoj Das	South	Notebook	8	50	1/18/2024	400
1011	Ritika Sen	East	Pencil	40	5	1/19/2024	200
1012	Karan Malhotra	West	Eraser	35	8	1/20/2024	280
1013	Aryan Joshi	North	Notebook	14	50	1/22/2024	700
1014	Divya Kapoor	South	Pen	28	10	1/23/2024	280
1015	Sahil Arora	East	Marker	12	25	1/24/2024	300
1016	Muskan Jain	West	Pencil	25	5	1/26/2024	125
1017	Rohan Gupta	North	Eraser	20	8	1/28/2024	160
1018	Nidhi Sharma	South	Notebook	10	50	1/29/2024	500
1019	Tarun Verma	East	Pen	15	10	1/30/2024	150
1020	Simran Kaur	West	Marker	18	25	2/1/2024	450
1021	Deepak Rao	North	Notebook	9	50	2/2/2024	450
1022	Payal Mehta	South	Pencil	35	5	2/3/2024	175
1023	Aditya Singh	East	Eraser	30	8	2/4/2024	240
1024	Shreya Nair	West	Notebook	11	50	2/6/2024	550
1025	Sanjay Kumar	North	Pen	14	10	2/7/2024	140
1026	Aarti Sharma	South	Marker	16	25	2/8/2024	400
1027	Rajesh Patel	East	Pencil	22	5	2/9/2024	110
1028	Preeti Joshi	West	Eraser	27	8	2/10/2024	216
1029	Anurag Mishra	North	Notebook	13	50	2/12/2024	650

1030	Sanya Kapoor	South	Pen	32	10	2/13/2024	320				
1031	Harsh Yadav	East	Marker	10	25	2/14/2024	250				
1032	Kajal Rani	West	Pencil	18	5	2/16/2024	90				
1033	Varun Sharma	North	Eraser	22	8	2/17/2024	176				
1034	Swati Arora	South	Notebook	17	50	2/18/2024	850				
1035	Akhil Jain	East	Pen	19	10	2/19/2024	190				
1036	Priyanka Das	West	Marker	15	25	2/21/2024	375				
1037	Ravi Nair	North	Pencil	28	5	2/22/2024	140				
1038	Komal Singh	South	Eraser	24	8	2/23/2024	192				
1039	Ayesha Khan	East	Notebook	16	50	2/25/2024	800				
1040	Arjun Mehta	West	Pen	27	10	2/26/2024	270				
1041	Sonali Gupta	North	Marker	21	25	2/27/2024	525				
1042	Neeraj Kapoor	South	Pencil	30	5	2/28/2024	150				
1043	Shruti Sharma	East	Eraser	26	8	3/1/2024	208				
1044	Yash Arora	West	Notebook	14	50	3/2/2024	700				
1045	Manish Das	North	Pen	20	10	3/3/2024	200				
1046	Rupal Nair	South	Marker	17	25	3/4/2024	425				
1047	Sonia Verma	East	Pencil	19	5	3/5/2024	95				
1048	Kunal Singh	West	Eraser	32	8	3/6/2024	256				
1049	Ritika Jain	North	Notebook	12	50	3/7/2024	600				
1050	Vivek Malhotra	South	Pen	25	10	3/8/2024	250				

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1008	Meera Nair	West	Pen	18	10	1/15/2024													
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1011	Ritika Sen	East	Pencil	40	5	1/19/2024													
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1041	Sonali Gupta	North	Marker	21	25	2/27/2024													

6. Calculate the total sales of Notebooks in the north region only.

1042	Neeraj Kapoor	South	Pencil	30	5	2/28/2024								
1043	Shruti Sharma	East	Eraser	26	8	3/1/2024								
1044	Yash Arora	West	Notebook	14	50	3/2/2024								
1045	Manish Das	North	Pen	20	10	3/3/2024								
1046	Rupal Nair	South	Marker	17	25	3/4/2024								
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1049	Ritika Jain	North	Notebook	12	50	3/7/2024	600
1050	Vivek Malhotra	South	Pen	25	10	3/8/2024	250

8. Insert a line chart showing daily sales trend.

