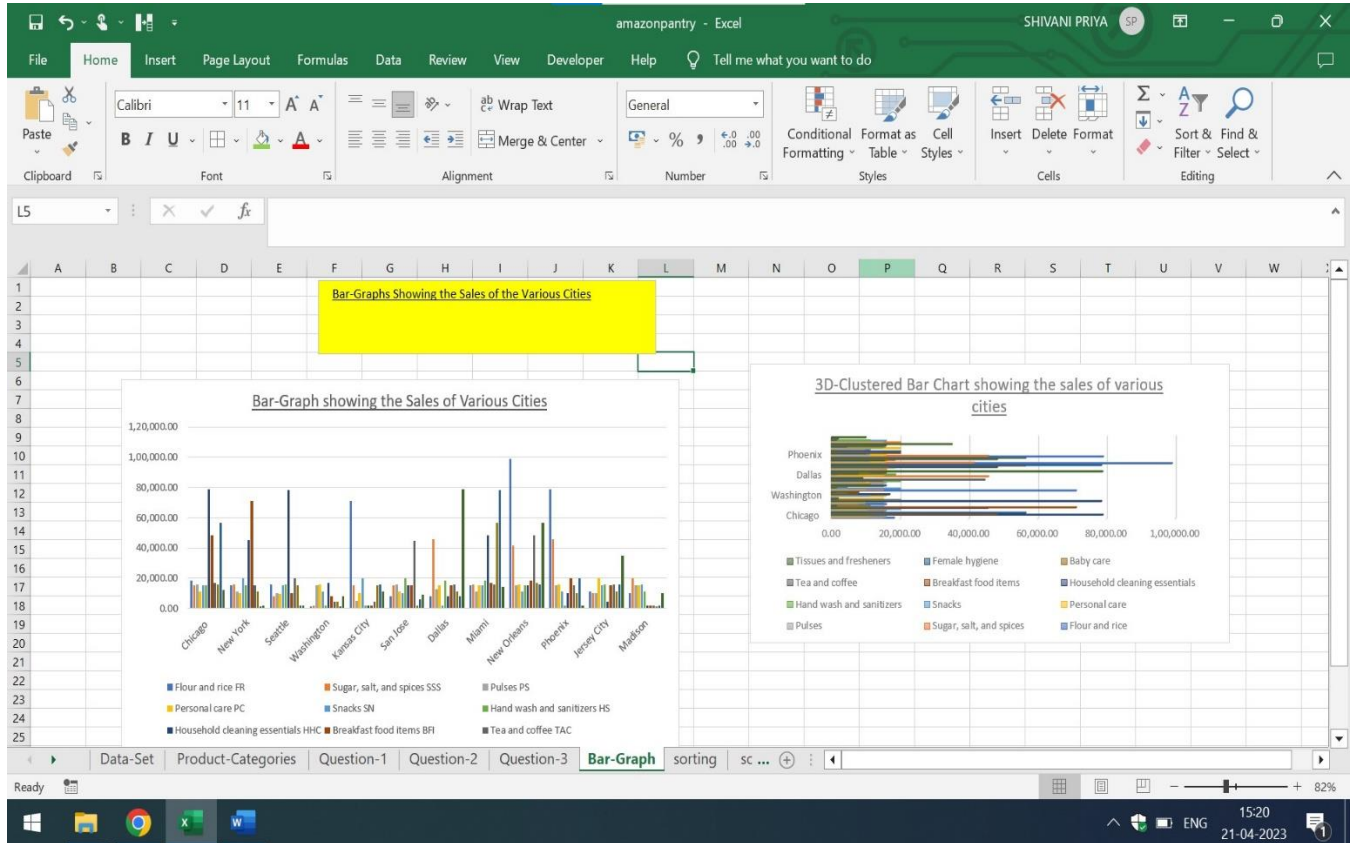# Excel Task on Amazon Pantry

Q1) Create a bar graph showing the sales. Label the chart correctly so that senior management gets a clear report of sales.

<u>Ans)</u> The below mentioned is the bar graph showing the sales

Q1-2) Arrange the data above in excel in ascending and descending order.
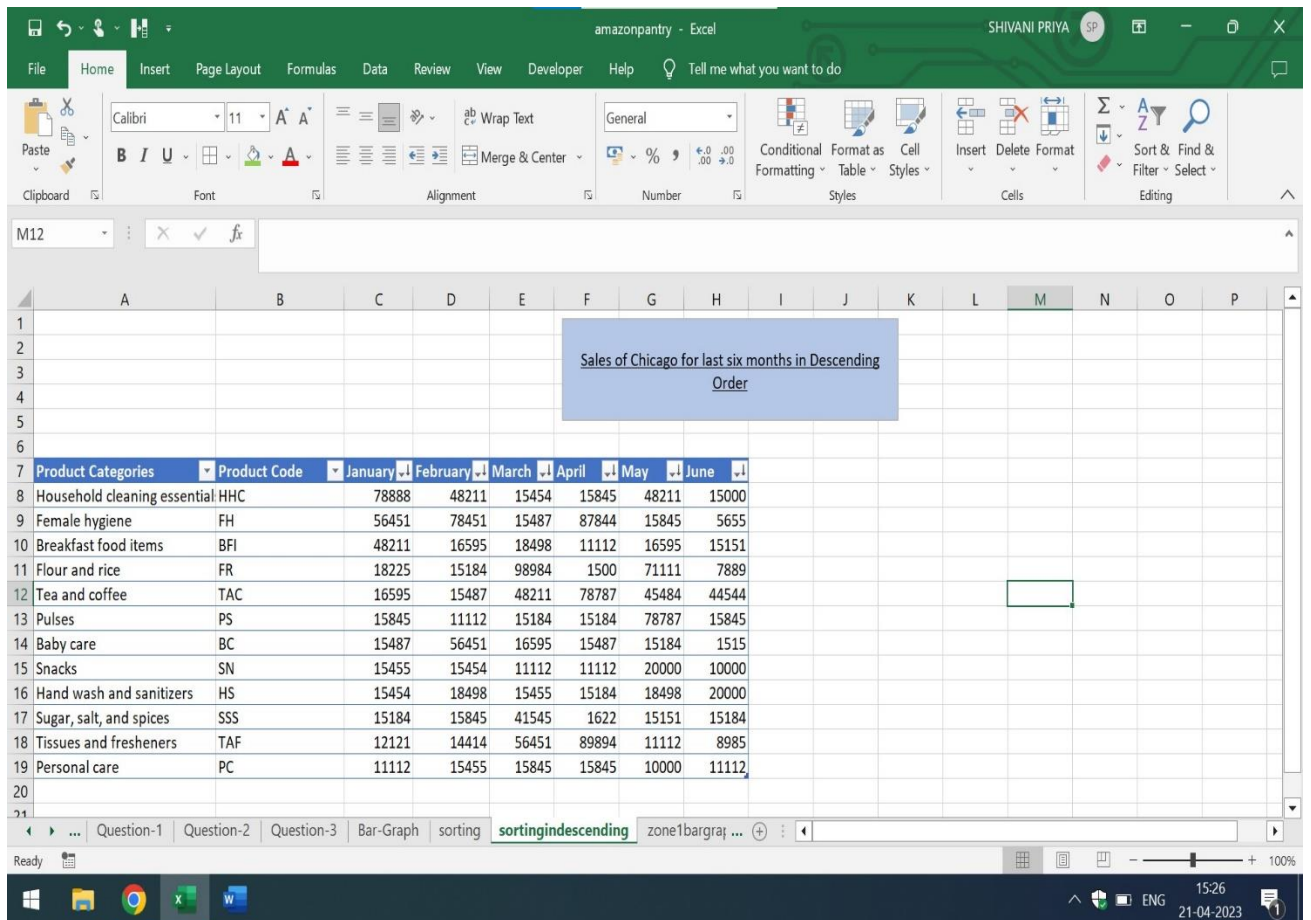
Ans) The below mentioned is the data in ascending order:

Sales of Chicago for last six months in Ascending Order

Product Categories	Product Code	January	February	March	April	May	June
Personal care	PC	11112	15455	15845	15845	10000	11112
Tissues and fresheners	TAF	12121	14414	56451	89894	11112	8985
Sugar, salt, and spices	SSS	15184	15845	41545	1622	15151	15184
Hand wash and sanitizers	HS	15454	18498	15455	15184	18498	20000
Snacks	SN	15455	15454	11112	11112	20000	10000
Baby care	BC	15487	56451	16595	15487	15184	1515
Pulses	PS	15845	11112	15184	15184	78787	15845
Tea and coffee	TAC	16595	15487	48211	78787	45484	44544
Flour and rice	FR	18225	15184	98984	1500	71111	7889
Breakfast food items	BFI	48211	16595	18498	11112	16595	15151
Female hygiene	FH	56451	78451	15487	87844	15845	5655
Household cleaning essentials	HHC	78888	48211	15454	15845	48211	15000

Data-Set | Product-Categories | Question-1 | Question-2 | Question-3 | Bar-Graph | **sorting** | sc ...

The below mentioned is the data in descending order

	A	B	C	D	E	F	G	H
1								
2						Sales of Chicago for last six months in Descending		
3						Order		
4								
5								
6								
7	Product Categories	Product Code	January	February	March	April	May	June
8	Household cleaning essential	HHC	78888	48211	15454	15845	48211	15000
9	Female hygiene	FH	56451	78451	15487	87844	15845	5655
10	Breakfast food items	BFI	48211	16595	18498	11112	16595	15151
11	Flour and rice	FR	18225	15184	98984	1500	71111	7889
12	Tea and coffee	TAC	16595	15487	48211	78787	45484	44544
13	Pulses	PS	15845	11112	15184	15184	78787	15845
14	Baby care	BC	15487	56451	16595	15487	15184	1515
15	Snacks	SN	15455	15454	11112	11112	20000	10000
16	Hand wash and sanitizers	HS	15454	18498	15455	15184	18498	20000
17	Sugar, salt, and spices	SSS	15184	15845	41545	1622	15151	15184
18	Tissues and fresheners	TAF	12121	14414	56451	89894	11112	8985
19	Personal care	PC	11112	15455	15845	15845	10000	11112

Question-2

1) Create bar graphs of sales for zone1 cities

Ans) The bar graphs of sales for zone 1 cities is mentioned below:
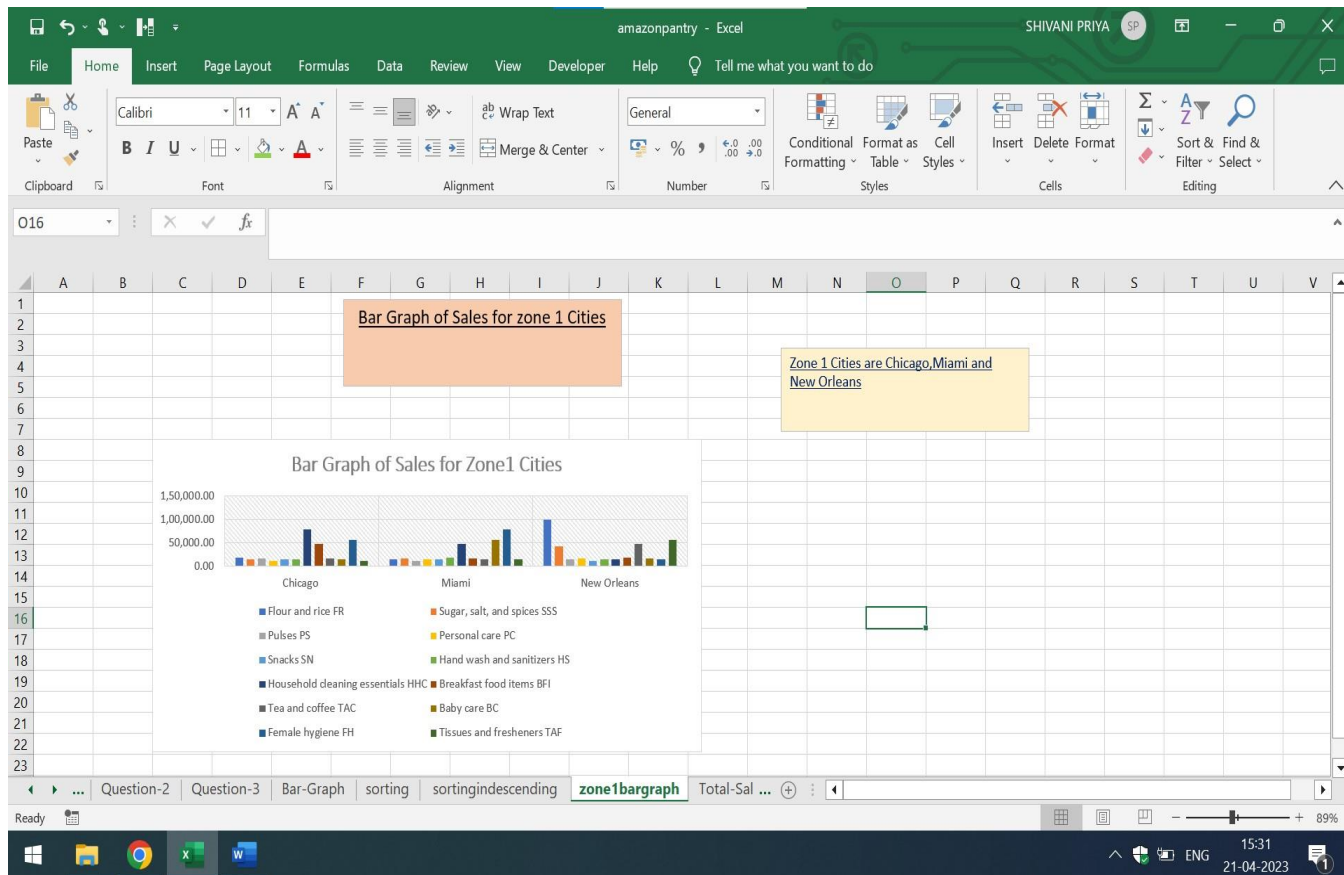
Here, the Zone1 Cities are Chicago, Miami and New Orleans

Q2) Find total sales across all cities

Ans) The total sales across all cities is mentioned below:

Screenshot 1 — Total-Sales sheet (columns A–J)

Product Categories	Chicago	New York	Seattle	Washington	Kansas City	San Jose	Dallas	Miami	New Orleans	Phoe
					Sales Across various Cities					
Flour and rice	18225	15184	15899	1500	71111	7889	7895	15184	98984	
Sugar, salt, and spices	15184	15845	7899	1622	15151	15184	45621	15845	41545	
Pulses	15845	11112	9852	15184	4848	15845	12500	11112	15184	
Personal care	11112	10000	9624	15845	10000	11112	15242	15455	15845	
Snacks	15455	20000	15184	11112	20000	10000	1566	15454	11112	
Hand wash and sanitizers	15454	15000	15845	1588	1511	20000	18562	18498	15455	
Household cleaning essentials	78888	45454	78445	16895	1515	15000	7899	48211	15454	
Breakfast food items	48211	71111	10000	7826	1515	15151	15184	16595	18498	
Tea and coffee	16595	15151	20000	4562	4554	44544	15845	15487	48211	
Baby care	15487	11111	15000	4552	15184	1515	11112	56451	16595	
Female hygiene	56451	1452	1589	1262	15845	5655	7878	78451	15487	
Tissues and fresheners	12121	1515	1899	7899	11112	8985	78787	14414	56451	
Total Sales	319028	232935	201236	89847	172346	170880	238091	321157	368821	

Screenshot 2 — Total-Sales sheet (columns D–M)

Seattle	Washington	Kansas City	San Jose	Dallas	Miami	New Orleans	Phoenix	Jersey City	Madison
			Sales Across various Cities						
15899	1500	71111	7889	7895	15184	98984	78999	11112	10000
7899	1622	15151	15184	45621	15845	41545	45545	10000	20000
9852	15184	4848	15845	12500	11112	15184	15184	10000	15000
9624	15845	10000	11112	15242	15455	15845	15845	20000	15184
15184	11112	20000	10000	1566	15454	11112	11112	15000	15845
15845	1588	1511	20000	18562	18498	15455	1544	15544	11112
78445	16895	1515	15000	7899	48211	15454	10000	4518	1578
10000	7826	1515	15151	15184	16595	18498	20000	15184	1588
20000	4562	4554	44544	15845	15487	48211	15000	15845	1879
15000	4552	15184	1515	11112	56451	16595	10000	11112	1233
1589	1262	15845	5655	7878	78451	15487	20000	15789	1511
1899	7899	11112	8985	78787	14414	56451	1511	35000	10001
201236	89847	172346	170880	238091	321157	368821	244740	179104	104931

Screenshot 1 — Total-Sales sheet

Sales Across various Cities

San Jose	Dallas	Miami	New Orleans	Phoenix	Jersey City	Madison
7889	7895	15184	98984	78999	11112	10000
15184	45621	15845	41545	45545	10000	20000
15845	12500	11112	15184	15184	10000	15000
11112	15242	15455	15845	15845	20000	15184
10000	1566	15454	11112	11112	15000	15845
20000	18562	18498	15455	1544	15544	11112
15000	7899	48211	15454	10000	4518	1578
15151	15184	16595	18498	20000	15184	1588
44544	15845	15487	48211	15000	15845	1879
1515	11112	56451	16595	10000	11112	1233
5655	7878	78451	15487	20000	15789	1511
8985	78787	14414	56451	1511	35000	10001
170880	238091	321157	368821	244740	179104	104931

Total-Sales Across all Cities

Screenshot 2 — TotalSalesAnalysis sheet

Product Categories	Product Code	Chicago	New York	Seattle	Washington	Kansas City	San Jose
Flour and rice	FR	18225	15184	15899	1500	71111	
Sugar, salt, and spices	SSS	15184	15845	7899	1622	15151	
Pulses	PS	15845	11112	9852	15184	4848	
Personal care	PC	11112	10000	9624	15845	10000	
Snacks	SN	15455	20000	15184	11112	20000	
Hand wash and sanitizers	HS	15454	15000	15845	1588	1511	
Household cleaning essentials	HHC	78888	45454	78445	16895	1515	
Breakfast food items	BFI	48211	71111	10000	7826	1515	
Tea and coffee	TAC	16595	15151	20000	4562	4554	
Baby care	BC	15487	11111	15000	4552	15184	
Female hygiene	FH	56451	1452	1589	1262	15845	
Tissues and fresheners	TAF	12121	1515	1899	7899	11112	
Total Sales		319028	232935	201236	89847	172346	

Seattle	Washington	Kansas City	San Jose	Dallas	Miami	New Orleans	Ph
15899	1500	71111	7889	7895	15184	98984	
7899	1622	15151	15184	45621	15845	41545	
9852	15184	4848	15845	12500	11112	15184	
9624	15845	10000	11112	15242	15455	15845	
15184	11112	20000	10000	1566	15454	11112	
15845	1588	1511	20000	18562	18498	15455	
78445	16895	1515	15000	7899	48211	15454	
10000	7826	1515	15151	15184	16595	18498	
20000	4562	4554	44544	15845	15487	48211	
15000	4552	15184	1515	11112	56451	16595	
1589	1262	15845	5655	7878	78451	15487	
1899	7899	11112	8985	78787	14414	56451	
201236	89847	172346	170880	238091	321157	368821	

Dallas	Miami	New Orleans	Phoenix	Jersey City	Madison	O	P
7895	15184	98984	78999	11112	10000		
45621	15845	41545	45545	10000	20000		
12500	11112	15184	15184	10000	15000		
15242	15455	15845	15845	20000	15184		
1566	15454	11112	11112	15000	15845		
18562	18498	15455	1544	15544	11112		
7899	48211	15454	10000	4518	1578		
15184	16595	18498	20000	15184	1588		
15845	15487	48211	15000	15845	1879		
11112	56451	16595	10000	11112	1233		
7878	78451	15487	20000	15789	1511		
78787	14414	56451	1511	35000	10001		
238091	321157	368821	244740	179104	104931		

Question-3

1) Using vlookup for product code HS, find sales in Phoenix
2) Using vlookup for product code FR, find sales in Dallas

Ans) The sales in Phoenix and in Dallas for Product codes HS and FR are mentioned below:

Screenshot 1

Title bar: amazonpantry - Excel — SHIVANI PRIYA

Formula bar (D6): `=VLOOKUP(B6,'Question-3'!$B$2:$N$14,11,FALSE)`

	A	B	C	D	E
5		Product-Code		Sales in Phoenix	
6		HS		1544	
11		Product-Code		Sales in Dallas	
12		FR		7895	

Using vlookup for product code HS, find sales in Phoenix

Using Vlookup for Product Code FR, find sales in Dallas

Sheet tabs: sorting | sortingindescending | zone1bargraph | Total-Sales | TotalSalesAnalysis | **Vlookup1**

15:52 ENG 21-04-2023

Screenshot 2

Title bar: amazonpantry - Excel — SHIVANI PRIYA

Formula bar (D12): `=VLOOKUP(B12,'Question-3'!$B$2:$N$14,8,FALSE)`

	A	B	C	D	E
5		Product-Code		Sales in Phoenix	
6		HS		1544	
11		Product-Code		Sales in Dallas	
12		FR		7895	

Using vlookup for product code HS, find sales in Phoenix

Using Vlookup for Product Code FR, find sales in Dallas

Sheet tabs: sorting | sortingindescending | zone1bargraph | Total-Sales | TotalSalesAnalysis | **Vlookup1**

15:52 ENG 21-04-2023

For detailed description and explanation of Amazon Pantry Project in Excel,click on the below mentioned link:

https://github.com/shivanipriya89/Amazon-Pantry

It has amazonpantry.xlsx file for download