Task No 01: Perform the following task on the Excel sheet provided given below by using the built-in functions.

1. By using if function, determine the student grade based on the following rules:								
Total score>=90 then grade A								
90>Total score>=80 then grade B								
80>Total score>=70 then then grade C								
70>Total score>=60 then grade D								
60>Total score>=50 then grade E								
Else then grade F								
2. By using if function, display the word "Pass" or "Fail" under the Description column								
Students who pass need to have total score greater than or equal to 50.								

Name	Gender	Attendance	Assignment	Mid-Term	Final	Total	Grade	Description
Abdullah Sadiq	Male	15	14	20	45	94	A	PASS
Asim Khan	Male	13	11	12	34	70	A	PASS
Hussain Saani	Male	8	8	12	26	54	D	PASS
Huzaifa Ahmed	Male	8	14	14	25	61	D	PASS
Shahzaib Qureshi	Male	12	12	14	40	78	D	PASS

Task No 02: Perform the following task on the Excel sheet provided given below for performing the given task in this lab.

1. Insert a Pivot Table for the given data.

Country	(All)	
Row Labels	**Sum of Amount**	
Apple	191257	
Banana	340295	
Beans	57281	
Broccoli	142439	
Carrots	136945	
Mango	57079	
Orange	104438	
Grand Total	**1029734**	

2. Find out which products do we export the most to USA?

Country	United States
Row Labels	Sum of Amount
Apple	28615
Banana	95061
Beans	7163
Broccoli	26715
Carrots	56284
Mango	22363
Orange	30932
Grand Total	267133
MAXIMUM	95061

3. Find the summary calculation "Maximum" and save the results.

Country	United States
Row Labels	Max of Amount
Apple	8489
Banana	8894
Beans	7163
Broccoli	8049
Carrots	9127
Mango	9333
Orange	6982
Grand Total	9333
MAXIMUM	9333

4. Construct a 2-dimensional Pivot Table.

Country	(All)							
Max of Amount	Column Labels							
Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total
Fruit	8892	9543				9333	9990	9990
Vegetables			8416	9630	9127			9630
Grand Total	8892	9543	8416	9630	9127	9333	9990	9990

5. Insert the pivot Chart for 2-dimensional Pivot Table.

Country	(All)							
Max of Amount	Column Labels							
Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total
Fruit	8892	9543				9333	9990	9990
Vegetables			8416	9630	9127			9630
Grand Total	8892	9543	8416	9630	9127	9333	9990	9990
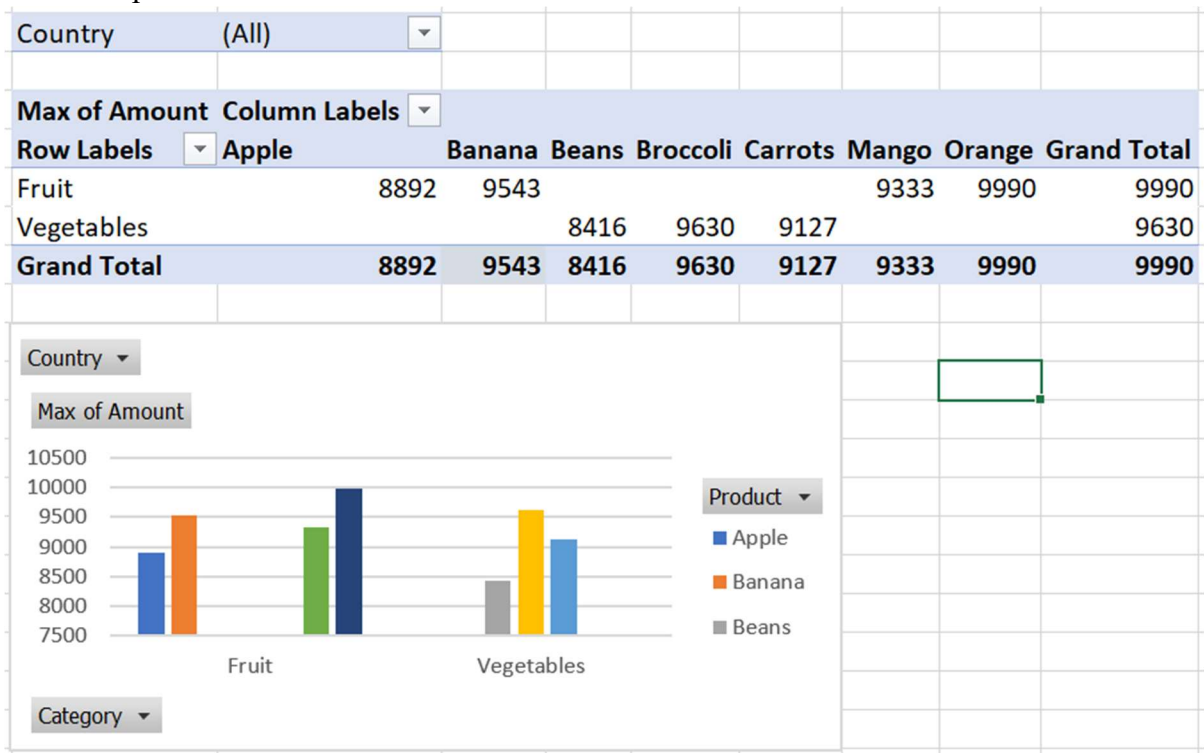
6. Use the country filter that only show the total amount of each product exported to the Canada in Pivot Chart.

Country	Canada					
Max of Amount	Column Labels					
Row Labels	Apple	Banana	Broccoli	Mango	Orange	Grand Total
Fruit	7431	8530		3767	9990	9990
Vegetables			9231			9231
Grand Total	7431	8530	9231	3767	9990	9990
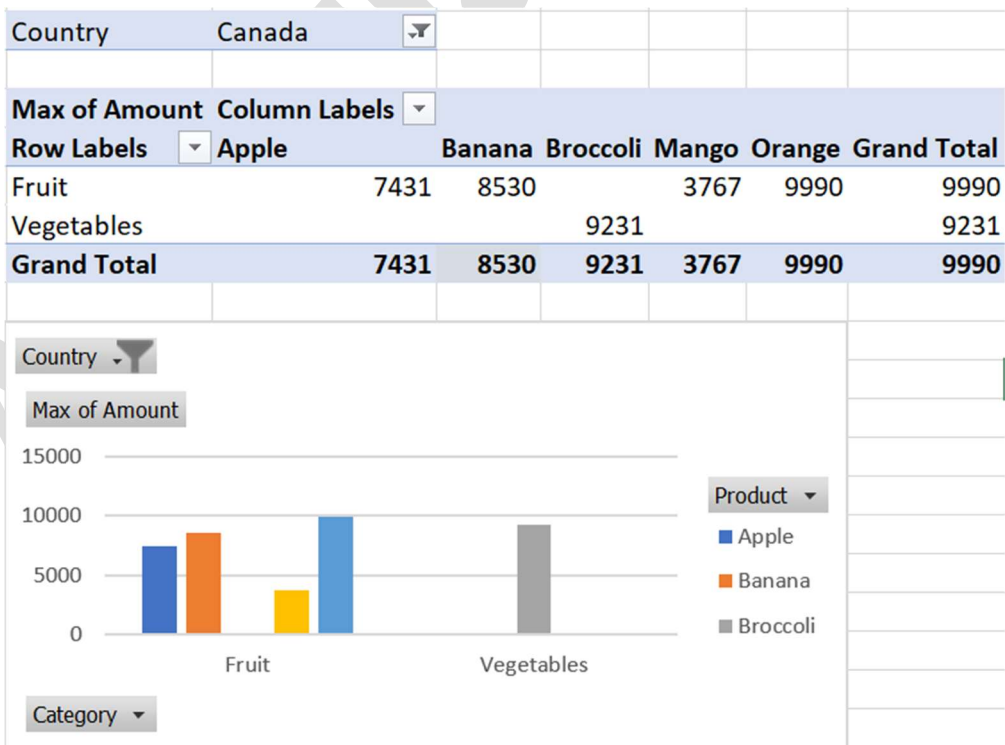
7. Use the Category filter to only show the vegetables exported to each country.

Country	(All)			
Max of Amount	Column Labels			
Row Labels	Beans	Broccoli	Carrots	Grand Total
Vegetables	8416	9630	9127	9630
Grand Total	8416	9630	9127	9630

Country ▾

Max of Amount
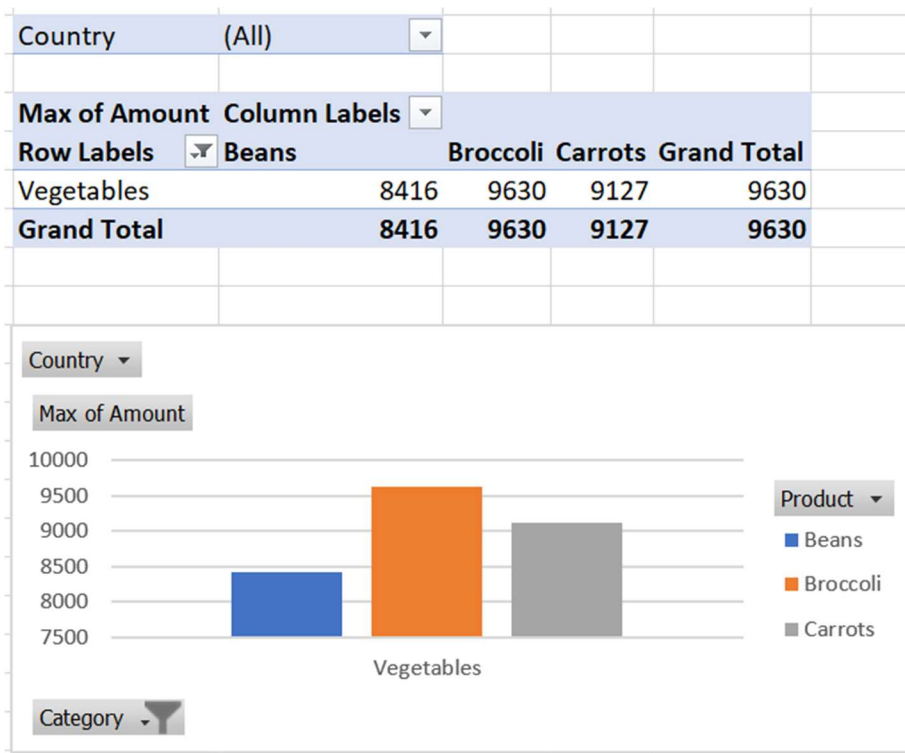
Task No 03: Perform the number system conversion on any number of your choice with the help of formulae provided by Excel.

Decimal To Octal	6.6	6
Decimal To Hex	13	D
Binary To Decimal	1110	14
Octal to Decimal	5	5
Hex To Decimal	C	12