Excel Assignment 4

1. What is the benefit of Microsoft 365?
Solution: It allows our organization to store all the files in the cloud. This means they can be accessed on any device, from any location with an internet connection. For organizations where mobile working is essential, being able to access all the apps and files you need when out of the office is invaluable.

2. Use two datasets and perform join on specific columns.
Solution:https://www.ablebits.com/office-addins-blog/2018/10/31/excel-merge-tables-matching-columns/
Note: This was very useful and I was able to understand the logic behind it.

3. How to perform string formatting in excel. Demonstrate it with examples.
Solution:https://support.microsoft.com/en-us/office/text-function-20d5ac4d-7b94-49fd-bb38-93d29371225c
Note: This was useful and I did understand it.
=TEXT(1234.567,"$#,##0.00")

Currency with a thousands separator and 2 decimals, like $1,234.57. Note that Excel rounds the value to 2 decimal places.

=TEXT(TODAY(),"MM/DD/YY")

Today's date in MM/DD/YY format, like 03/14/12

=TEXT(TODAY(),"DDDD")

Today's day of the week, like Monday

=TEXT(NOW(),"H:MM AM/PM")

Current time, like 1:29 PM

=TEXT(0.285,"0.0%")

Percentage, like 28.5%

=TEXT(4.34 ,"# ?/?")

Fraction, like 4 1/3

=TRIM(TEXT(0.34,"# ?/?"))

Fraction, like 1/3. Note this uses the TRIM function to remove the leading space with a decimal value.

=TEXT(12200000,"0.00E+00")

Scientific notation, like 1.22E+07

=TEXT(1234567898,"[<=9999999]###-####;(###) ###-####")

Special (Phone number), like (123) 456-7898

=TEXT(1234,"0000000")

Add leading zeros (0), like 0001234

=TEXT(123456,"##0° 00' 00''")

Custom - Latitude/Longitude

4. Create an advance expense distributor in excel.
   Example: Consider expenses of a person who will be entered in excel at the same time expenses must be evenly distributed among all people with the amount of money each person should return/ receive.
Solution: https://www.youtube.com/watch?v=9JhEGlFQhOo
Note: Useful video for expense distributor in excel

5. Create reports to generate mark sheets of students in excel where percentages and addition of marks should be done using formulas.
Solution: Even check my GitHub I have added the excel file

Sr No	Division	Roll No	Name	Accountancy	English	Commerce	Maths	Economics	Business studies	Total	Total_total	Average or Percentage
1	B	1	Rakesh	98	56	99	98	100	75	526	600	87.66666667
2	B	2	Sean	56	85	50	45	52	76	364	600	60.66666667
3	B	3	Mikael	85	78	100	96	63	86	508	600	84.66666667
4	B	4	Roshan	63	96	25	63	85	94	426	600	71
5	B	5	Mark	85	45	63	85	96	73	447	600	74.5
				Pink colour is desired result and grey colour is my input								