جامعة الفرات الاوسط التقنية /المعهد التقني سماوة
قسم تقنيات المحاسبة

المحاضرة 20 , 19

العنوان: معادلات الـ Excel

اسم المادة / تطبيقات الحاسوب

المرحلة الدراسية / الثانية

العام الدراسي / 2022 -2023

استاذ ة المادة

طارق سمير

قسم التقنيات المحاسبية

Excel

المرحلة الثانية

المحاضرة 19-20: الأكسل المعادلات

Microsoft Office Excel 2007

مادة تطبيقات الحاسبات

Insert Functions

IF

- Compare the contents of the cell and performs the action according to the result.
- =if(test; value if true, value if false)
- =if (A3 > 20; A3 * 2; A3 * 5)

B	A	
900	1500	1
900	500	2
925	500	3

= IF (A1>B1 , “ OK ” ,” Bad “)
Ok

= IF (A2>B2 , “ OK ” ,” Bad “)
Bad

Home Work

Q1 / Write function to compute the following :

F	E	D	C	B	A	
powerpoint	Access	Word	Excel	Name	No.	1
22	99	40	89	Ahmed	1	2
51	35	70		Zahra	2	3
22	65	غ	81	Zaynab	3	4
55	12	غ	59	Firas	4	5
	88	50		Kazem	5	6
18	30	93	45	Ali	6	7

1- The sum for " " .

2- The average for " " .

3- Maximum degree for " " .

4- Minimum degree for " " .

5- The percentage 30% for " " .

6- Count the number of calls that contain number for " " .

7- Count the number of cells that are not empty for " " .

8- Count the number of cells that are empty for " " .

9- The sum for " " .

10- The average for " " .

11- Maximum degree for " " .

Home Work

Q2 / Write equation to compute the following :

1. 876.568 → 870
2. 6584.598 → 6584.60
3. 998.58 → 1000
4. 899.995 → 900
5. 999.985 → 1000
6. 10101.98 → 10100
7. 1258.689 → 1258.6
8. 399.569 → 399.57
9. 440.596 → 400
10. 851.998 → 852

Home Work

Q2 / Write result for the following :

1. =round (895.369 ; -1)
2. =round (90.982 ; -2)
3. =round (999.995 ; 2)
4. =round (459.986 ; 1)
5. =round (8659.598 ; -2)
6. =round (5596 ; -3)
7. =round (892.6981 ; -3)
8. =round (1286 ; -1)
9. =round (298.9875 ; 1)
10. =round (9999.999 ; 3)
11. =round (9999.999 ; 2)

Charts

The chart is a visual representation of the data.

Using elements such as columns and rows.

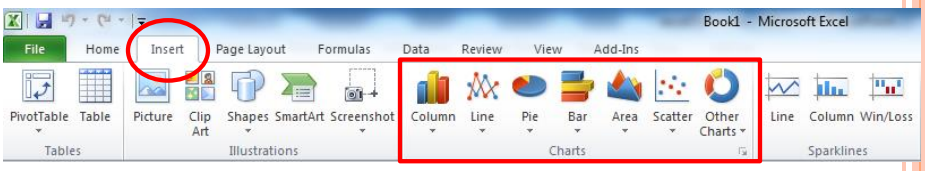
The chart displays a series of numeric data

in a graphical format.

How to insert charts

1.Select the range of data in the table that you want to represent with a chart.

2. From the Insert tab in chart group , choose the format of the chart you want.



How to insert charts

- Vertical diagrams

Column charts are used to compare values across categories.

1

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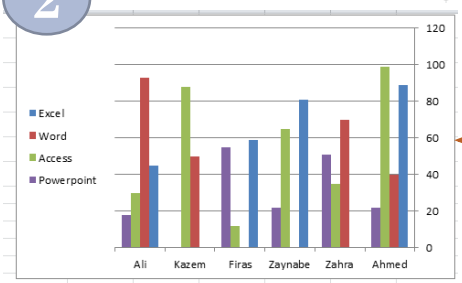
55	12	غ	59	Firas	4
	88	50		Kazem	5
18	30	93	45	Ali	6

2



How to insert charts

Linear charts

You can draw ordered data in columns or rows on a worksheet in a line chart. Linear charts can display continuous data that is added over time.

1

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22	99	40	89	Ahmed	1
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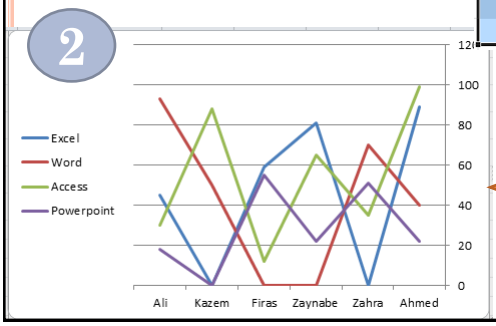
22	65	٤	81	Zaynabe	3
55	12	٤	59	Firas	4
	88	50		Kazem	5
18	30	93	45	Ali	6

2