

# Al-Zahra University, Department of Pharmacy

## COMPUTER SCIENCE

2nd

Lecture 3

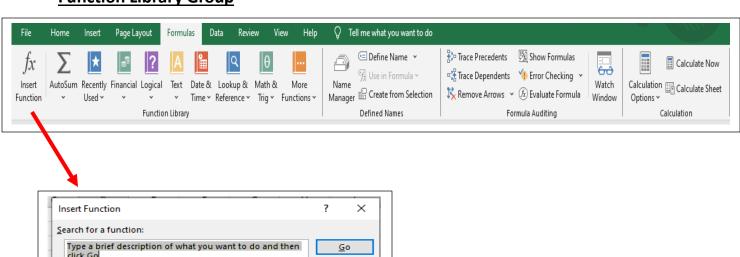
**Microsoft Office Excel** 

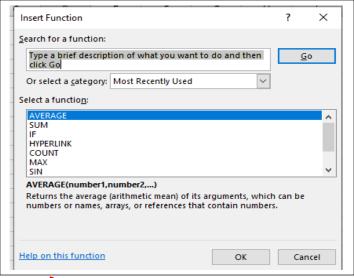
ASS .Lec : Kawther AL.bayati

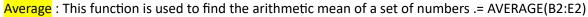
ASS .Lec :Zahraa AlI

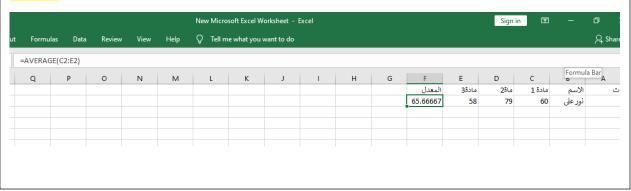
## **Formulas**

### **Function Library Group**

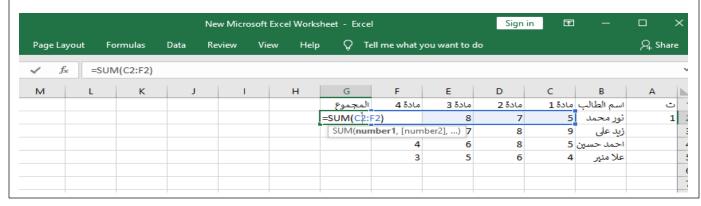




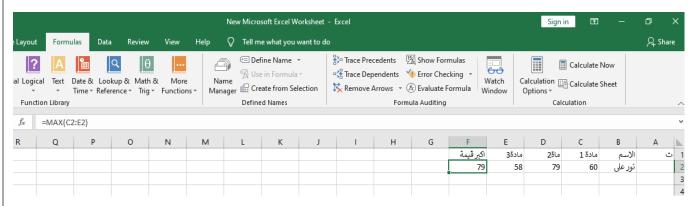




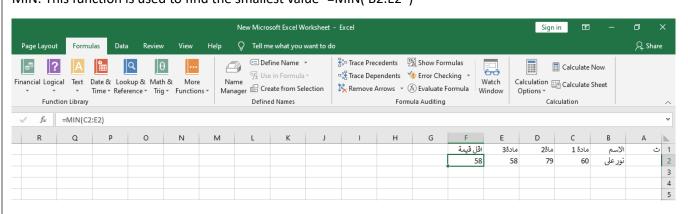
SUM: The addition function is the most important function of the excel function and perhaps the most used function at all, and it adds the numbers .= SUM(C2:F2)

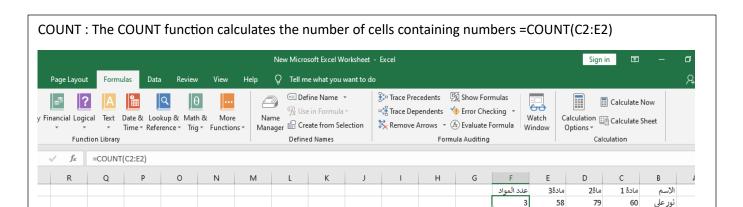


MAX : This function is used to find the greatest value of =MAX(C2:E2)



MIN: This function is used to find the smallest value =MIN(B2:E2)





### دالة ()IF:

تعد الدالة (F(I) اشهر الدوال الشرطية على الاطلاق وهي تأخذ شرط ما وترجع قيمة معينة حال تحقق الشرط وقيمة اخرى حال عدم تحققه وتأخذ الشكل التالى:

-عي. (القيمة حالة عدم تحقق الشرط القيمة حالة تحقق الشرط شرط منطقي) IF=

=IF (logical expression; true; false)

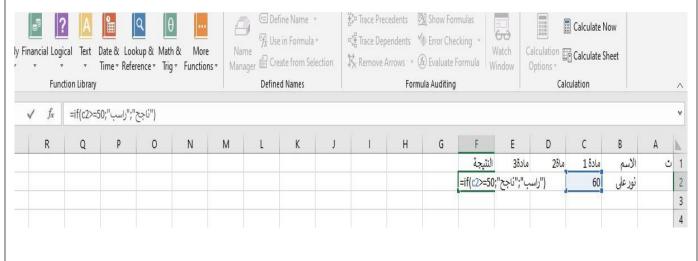
Function: IF()

The IF() function is the most famous conditional function on the length and it takes a condition and returns a certain value once the condition is met

And another value if it is not achieved and takes the following form:

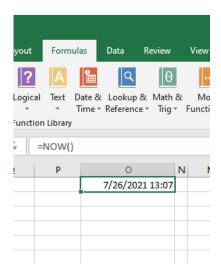
(Value condition non-fulfillment condition value condition condition logical condition) =IF

=IF (logical expression; true; false)



NOW: This function uses to insert time and date in the worksheet and takes

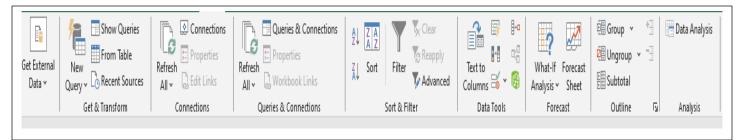
Figure follows = NOW ()



## بعض اخطاء الصيغ في االكسل

- #######: يعرض هذا الخطأ عندما يكون حجم الرقم اكبر من حجم الخليه ولحل هذا الخطأ يجب تكبير الخلية
  - NAME #: يعرض هذا الخطأ عند كتابة الدالة بشكل غير صحيح
  - 3. VALUE# يعرض هذا الخطأ عند كتابة ادخال بيانات غير صحيحة

### **Data**



This tape contains many tools and instructions and we will explain the most important of them:-

Get data: This command is located in the data transform & Get group and is used to get data from

Different sources file or database

Refresh all: This prompt is in the Connections and Queries group and is used to update

Data received in the worksheet.

Connections: This command is used to show all the links that provide the worksheet with data.

Properties: from which the contents that are displayed from the source are determined and how to deal with changing the number of Rows and columns from the source.

#### Sort & Filter Group

A group of sorting and filtering data, from which we can sort the data ascending or descending, as well as filtering this data And according to specific values to obtain the required data.

#### **Outline Group**

Outline group is used to decode and merge a set of rows and columns to handle them as a single structure together

Group: (Data collection) is done after selecting the rows and columns to be grouped.

UN Group: Used to unlink threaded rows or columns (for removal data collection)

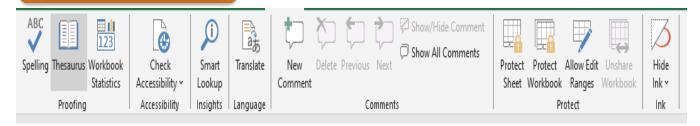
Subtotal: is used to partially sum selected data based on a column value

Particular.

Detail: Show is used to show threaded rows or columns

Detail: Hide is used to hide threaded rows or columns.

### **Review**



Proofing, through which we can apply the following:

Spelling: is a spelling check used to correct spelling and grammatical errors on a worksheet.

Research: Used to search references and dictionaries for translating a word from a particular language into several languages.

Thesaurus is used to suggest another word that is synonymous with the word to be changed.

#### Language Group

-Translate is used to translate the selected text into other languages.

:Comment Group Comments group contains special commands

with comments that can be added to the worksheet, which includes the addition

And delete, hide and show as well as investigate between these comments.

- Comment :New and uses the new comment addition on the cell specified.
- -Delete is used to delete the comment from the selected cell.
- -Previous to move to the previous comment in the worksheet.

Next: to move to the next comment in the worksheet.

- Comment: Show/Hide uses to show or hide the comment associated with the selected cell.
- Comments All :Show is used to show all comments.

