

Advance Excel Assignment 2

What does the dollar(\$) sign do?

In Excel, the dollar sign (\$) is used to create an absolute cell reference. When you create a cell reference in a formula, Excel uses a relative reference by default, which means that the reference changes based on the location of the formula when it is copied to another cell. Using a dollar sign before the column letter or row number in a cell reference "locks" that part of the reference, making it absolute and preventing it from changing when the formula is copied to another cell.

How to Change the Reference from Relative to Absolute (or Mixed)?

In Excel, you can change the reference from relative to absolute or mixed by adding or removing dollar signs (\$) before the column letter and/or row number in the cell reference.

Explain the order of operations in excel?

The order of operations in Excel refers to the sequence in which mathematical calculations are performed in a formula. Excel follows a specific order of operations to ensure that calculations are carried out in a consistent and accurate manner.

What, according to you, are the top 5 functions in excel and write a basic syntax for any of two?

SUM: Adds a range of cells.

Syntax: =SUM(range)

IF: Returns one value if a condition is true and another value if it's false.

Syntax: =IF(logical_test, value_if_true, value_if_false)

VLOOKUP: Searches for a value in the first column of a table array and returns a value in the same row from a specified column.

Syntax: =VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])

COUNTIF: Counts the number of cells in a range that meet a certain criterion.

Syntax: =COUNTIF(range, criteria)

AVERAGE: Calculates the average of a range of cells.

Syntax: =AVERAGE(range)

When would you use the subtotal function?

The SUBTOTAL function in Excel is used to calculate the subtotal of a range of cells in a table, with the option to exclude or include filtered or hidden rows. It is particularly useful when working with large data sets that are organized in tables or lists.

What is the syntax of the vlookup function? Explain the terms in it?

The VLOOKUP function in Excel is used to search for a specific value in the first column of a table or range, and return a value in the same row from a specified column. The syntax of the VLOOKUP function is as follows:

=VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])