

Advance Excel Assignment 2

1. What does the dollar(\$) sign do?

Ans=> To Change the Reference from Relative to Absolute i.e while making some calculations on certain columns or rows the Dollar(\$) fixes the quantity you are using while making calculations.

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

Ans=> Manually type the '\$' symbol before the letter and the row number for an absolute reference. Eg, "D5" to "\$D\$5".

3. Explain the order of operations in excel?

Ans =>

- 1.Parentheses: Egs.=Sum((A1+C1)*B1)
- 2.Exponents: Egs. = A1^5
- 3.Multiplication and Division: Egs. = A1*B1/C1
- 4.Addition and Subtraction: Egs. = A1+B1-D2
- 5.Concatanation: Egs. =A1 & " " & B1
6. Comparisons Operators: =A1 > B1
7. Reference Operators: =SUM(A1:B10)
8. Intersect Operators: =Sum(A1:A10 B1:B10)

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

Ans=>

1.Sum: Adds numbers in a given range

Syntax: SUM(A1:A10)

2.Average: Calculate the average of numbers in given range

Syntax: AVERAGE(A1:A10)

3.Vlookup: Searches for a value in the first column of a range and returns a value in the Same row from the another column.

4.If: Returns the one value if a condition is true and another value if its false.

5. CountIf :Counts the number of cells in a range the meet a specified condition.

6. When would you use the subtotal function?

Ans=>The function is used to perform various calculations on a range of data while ignoring other subtotals that might be present. It is often used in conjunction with other functions to create subtotals in a list or table without including the subtotals in the overall calculations

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

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

Explanation:-

1. **lookup_value:** This is the value you want to search for in the first column of your table_array.
2. **table_array:** this is the table or range of cells where Excel should look for the 'lookup_value'.
3. **col_index_num:** This is the column number in the "table_array" from which to retrieve the value. The first column in the range is 1, second is 2, and so on.
4. **[range_lookup]:** This is an optional argument. If 'range_lookup' is "True" or omitted, 'VLOOKUP' will look for an approximate match. If 'range_lookup' is "False", 'VLOOKUP' will look for an exact match.

