

Advance Excel Assignment 2

1. What does the dollar(\$) sign do?
2. How to Change the Reference from Relative to Absolute (or Mixed)?
3. Explain the order of operations in excel?
4. What, according to you, are the top 5 functions in excel and write a basic syntax for any of two?
5. When would you use the subtotal function?
6. What is the syntax of the vlookup function? Explain the terms in it?

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1. What does the dollar(\$) sign do?
Answer: In Excel, a dollar sign can denote a US currency format, but it has another common use: indicating absolute cell references in formulas.
2. How to Change the Reference from Relative to Absolute (or Mixed)?
Answer: Relative reference is when you drag the formula to another cell, it will change the respective cell location as relative like at D4= B4 * C4 and when I drag the same formula to D5 then the formula is like D5= B5 * C5 by itself.
If you want to maintain the original cell reference when you copy it, make the cell reference absolute by preceding the columns and row with a \$ sign
D4= \$B\$4 * \$C\$4,
When you copy this formula from D4 to D5, the formula stays exactly the same

Less often, if you want to mix absolute and relative cell references by preceding either the column or the row value with a \$ sign- which fixes either the column or the row (B\$4 or \$C4)
While writing formula F4 will help to change between related to absolute to mixed.
3. Explain the order of operations in excel?
Answer: Excel's order of operation follows the acronym PEMDAS (Parentheses, Exponents, Multiplication, Division, Addition, Subtraction)

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

Answer: According to me,
SUM , IF, VLOOKUP , DATE , AVERAGE

Basic syntax for a function is an equal sign(=), the function name (SUM,), and one or more arguments

SUM =SUM(A2:A10)

IF = IF(A2>B2,"OVER BUDGET", "OK")

5. When would you use the subtotal function?

Answer: The SUBTOTAL function is designed for columns of data, or vertical ranges. It is not designed for rows of data or horizontal ranges.

SUBTOTALS help us to get the totals of several columns of data broken down into various categories.

For example, let's consider garment products of different sizes manufactured. The SUBTOTAL function will help you to get a count of different sizes in your warehouse like (group by).

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

Answer: syntax for vlookup

=VLOOKUP(what you want to lookup, where you want to look for it,
the column number in the range containing the value to return,
return an approximate or exact match-indicated as 1/TRUE, or
0/FALSE)