WNS Assignment
Excel Question

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Q1)

=LEN(A4) - LEN(SUBSTITUTE(A4," ",""))

Q2)

"Vlookup" => As the name (virtual lookup) suggests is a method in excel or a function in excel used to to search for a value in the first column of a table or range and returns a value in the same row from a specified column.

Parameters:-
lookup_value: This is the value you want to search for. It can be a value, a reference, or a cell reference.

table_array: This is the table from which you want to retrieve data. It should include the column containing the value you want to find and the column from which you want to retrieve the corresponding data. The lookup_value should be in the first column of this range.

col_index_num: This is the column number in the table_array from which the matching value should be retrieved. The first column in the table_array is 1, the second column is 2, and so on.

range_lookup: This parameter is optional. If set to TRUE or omitted, it assumes the first column in the table_array is sorted in ascending order, and it will look for an approximate match. If set to FALSE, it searches for an exact match.

Example:-
In the a column are the names and in the b column are their scores
=VLOOKUP("XYZ", A2:B124, 2, FALSE)

This formula searches for "XYZ" in the first column of the range A2:B124, and when it finds a match, it returns the value from the second column, which is XYZs score. The FALSE parameter ensures that an exact match is required.

Q3)

Finding all the named ranges within a worksheet using several methods in Excel are:

Name Manager: Excel has a built-in Name Manager that allows you to view, edit, and delete named ranges.

Go To Special: You can use the Go To Special feature to select all the cells that contain named ranges.

Using VBA: You can also use VBA (Visual Basic for Applications) to list all the named ranges in a worksheet or workbook.

Q4)

a) =INDEX(B12:B23, MATCH(1, (E12:E23="F")*(C12:C23="Denver"), 0))
b) =INDEX(B12:B23&" "&A12:A23, MATCH(1, (E12:E23="M")*(D12:D23=MIN(IF(E12:E23="M", D12:D23)))), 0))

Q5)
    Assuming the provided salary is in C1 and the salary range is in A1-a8 while the bonus is in b1-b8
=VLOOKUP(C1, A1:B8, 2, TRUE)