Constructing the Table for the Assignment.

If you are having difficulty constructing the table for this assignment, here is a little clarification to help you. Be sure you have watched the video first.

A couple of things to note. Using a screenshot from the video (see below), notice 1) the first column of the table (starting in E4) is made up individual numbers, and 2) the numbers are in order from smallest to largest. If you were doing grades (as in the assignment), you would also need to put single numbers in your table—so like 0, 60, 70, etc — not 0-60, 60-70, etc.

In the BMI video example, anything from 0 up to 18.5 will cause the VLOOKUP function to display Underweight (from cell F4). Notice, there is only a 0 (zero) in cell E4, and it is to the left of Underweight. The function will start at the top of the table (starting with zero) and look from top to bottom, in column E, until it encounters a number larger than the number in cell B9. It then stops and displays the value in column F that corresponds to that range. So, in this case, if the value in cell B9 were say 16, it would start at the top in cell E4 and see that 16 is greater than 0 (in cell E4) but then see it is less than 18.5 (in cell E5), so it displays “Underweight,” which is next to E4. If you were doing grades, you'd start with zero also, and the next item would be 60. If it is between 0 and 60, then it will display "F" When you read the table in the BMI example, you could say 0 up to 18.5, is the Underweight category. 18.5 up to 24.9 corresponds to "Normal Weight," etc.