



should produce a sentence stating the full name and its characteristic. For instance

Input: "He" → Output: Helium is an inert gas.

Instructions:

- The input variables for the function should be a string containing the name of the element and the range for the lookup table.
- Use a VLOOKUP table to determine the atomic number corresponding to the symbol of the element.
- Design an IF-structure which, depending on the atomic number, produces a string containing the characteristic information about the element.
- Use a further VLOOKUP table to determine the full name of the element corresponding to the symbol.
- Finally produce a complete sentence for the output value from the name of the element and the characteristic information. (Recall Lab-session 3 task 5 for this.)