

Step-by-Step Verification Guidelines
















Word sorting

Overview

We've used an AI model to generate a sequence of steps to complete a word sorting task, but some of these steps might be wrong. Your task is to **go through each step and verify whether it is correct or not**.

Example

The task is to sort a list of words alphabetically: apple pear pineapple. Are each of the steps correct?

I should start by looking at the first letter of the words in the list. The first letter: "apple": "a" (1). "pear": "p" (16). "pineapple": "p" (16).	  
We now have: (1) "apple" < (16) ["pear" ? "pineapple"].	  
Now let's sort this subpart ["pear" ? "pineapple"] by looking at their second letters. The second letter: "pear": "e" (5). "pineapple": "i" (9).	  
We now have: (5) "pear" < (9) "pineapple" for the subpart. Hence, we have "apple" < "pear" < "pineapple".	  
I have now sorted all the words. The answer is apple pear pineapple	  



Some things to note:

- The numbers represent the position of the letter in the alphabet. For example, "a" is the first letter of the alphabet, so the number is (1). See [the alphabet table](#) below for numbers corresponding to the position of each letter in the alphabet.
- When the order of words has been established, the order is indicated by "<" or ">" (typically the former).

- When the order of words has not been established, the order is indicated by “?”.
- The steps always start by comparing the first letter, then only goes to the second letter if the first letter does not establish the order; then the third letter if the second letter does not establish the order; and so on.

Instructions

- (1) You should label each step as positive or negative.
Once you label one step, the next step will be unlocked.



Positive	Negative
 <p>This step is logically correct and contributes to task progression.</p> <p>Typos, grammatical mistakes, and alternative ways of formatting are allowed as long as the logic is still correct.</p>	 <p>This step is one or more of the following:</p> <ul style="list-style-type: none"> • Logically incorrect or requiring large logical jumps <ul style="list-style-type: none"> • Repetitive or redundant • Off-topic or contains gibberish • Leads to an obvious dead end <ul style="list-style-type: none"> • Refers to external links, images, or graphs



- (2) Each set of steps can be submitted when **either**:
- All the steps have been labelled as positive; **or**
 - The last labelled step is negative. In this case, the next step will not unlock and you do not have to label the remaining steps.

Example labels

In this section, we’ve taken the “positive” steps for this example and added some “negative” examples so you can compare them side-by-side. Note that you will not be able to do this when doing the annotation, so make sure to check each step carefully!

The task is to sort a list of words alphabetically: hypochlorite ponderosa phone credulity. Are each of the steps correct?

		Reason
I should start by looking at the first letter of the words in the list. The first letter: "hypochlorite": "h" (8). "ponderosa": "p" (16). "phone": "p" (16). "credulity": "c" (3).	I should start by looking at the first letter of the words in the list. Hypochlorite – H [8]; Ponderosa – P [16]; Phone – P [16]; Credulity – C [3].	Alternative ways of formatting the same information is allowed, as long as the steps are still logical.
We now have: (3) "credulity" < (8) "hypochlorite" < (16) ["ponderosa" ? "phone"].	We've now have: (3) "credulity" < (8) "hypochlorite" < (16) ["ponderosa" ? "phone"].	Grammatical mistakes are fine, as long as the sentence is easily understandable and the logic is correct.
Now let's sort this subpart ["ponderosa" ? "phone"] by looking at their second letters. The second letter: "ponderosa": "o" (15). "phone": "h" (8).	Now let's sort this subpart ["ponderosa" ? "phone"] by looking at their second letters. [MISSING]	Steps can be split up into smaller steps, as long as there are no jumps in logic. This example is considered positive since the logic is correct and there are no jumps (so far).
We now have: (8) "phone" < (15) "ponderosa" for the subpart. Hence, we have "credulity" < "hypochlorite" < "phone" < "ponderosa".		
I have now sorted all the words. The answer is credulity hypochlorite phone ponderosa		

		Reason
I should start by looking at the first letter of the words in the list. The first letter: "hypochlorite": "h" (8). "ponderosa": "p" (16). "phone": "p" (16). "credulity": "c" (3).	I should start by looking at the first letter of the words in the list. The first letter: "hypochlorite": "y" (25) . "ponderosa": "p" (16). "phone": "p" (16). "credulity": "c" (3).	The indicated letter is not the first letter of the word.

	I have now sorted all the words. The answer is credulity hypochlorite ponderosa phone phone	A large jump in logic from the previous step is negative, even if the content is correct.
We now have: (3) "credulity" < (8) "hypochlorite" < (16) ["ponderosa" ? "phone"].	We now have: (3) "hypochlorite" < (8) "credulity" < (16) ["ponderosa" ? "phone"].	The order of the words (according to the first letter) is reversed.
Now let's sort this subpart ["ponderosa" ? "phone"] by looking at their second letters. The second letter: "ponderosa": "o" (15). "phone": "h" (8).	Now let's sort this subpart ["ponderosa" ? "phone"] by looking at their third letters. The third letter: "ponderosa": "o" (15). "phone": "h" (8).	Previous steps have only looked at the first letter of each word, so the next step should be to look at the second letter, not the third one.
We now have: (8) "phone" < (15) "ponderosa" for the subpart. Hence, we have "credulity" < "hypochlorite" < "phone" < "ponderosa".	We now have: (8) "phone" < (15) "ponderosa" for the subpart. Hence, we have "credulity" < [MISSING] "phone" < "ponderosa".	The order listed here should contain all words from the original list, but is missing "hypochlorite".
I have now sorted all the words. The answer is credulity hypochlorite phone ponderosa	I have now sorted all the words. The answer is credulity hypochlorite ponderosa phone phone	The final answer should only contain each word once.
	Final answer: credulity hypochlorite ponderosa phone	Steps that are redundant (e.g. repeating previous steps) are considered negative.
	credulity hypochlorite ponderosa phone 1 + 1 = 2	Any unrelated text is considered negative.

Alphabet table

a 1
b 2
c 3
d 4
e 5
f 6
g 7

h	8
i	9
j	10
k	11
l	12
m	13
n	14
o	15
p	16
q	17
r	18
s	19
t	20
u	21
v	22
w	23
x	24
y	25
z	26