🐾 CodeStepByStep 🐾

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Cumulative

In this exercise, I found the user interface to be refreshingly minimalistic, which made it easy to navigate and locate where I needed to paste my results. However, I encountered some difficulties in understanding the user's expected input. Initially, I was unsure that I was supposed to output an ArrayList, as the outdated appearance of the website made me question if there were potential mistakes or if the user was expected to pass in Strings that needed conversion to ArrayLists. Additionally, I missed the requirement to replace an existing ArrayList, which was not clearly conveyed in their wording.

Another challenge I faced was grasping the concept of getter and setter methods for the extraction and replacement of ArrayList elements. I momentarily forgot that ArrayLists cannot easily change in size, complicating the process.

Through this exercise, I gained valuable insights and learned to devise strategies for removing items from an ArrayList in a stationary manner to facilitate in-place swapping of elements. This experience highlighted the importance of careful analysis and attention to details when working with data structures like ArrayLists, and reinforced the significance of clear and concise communication in programming tasks.

CountInRange

The task of checking whether a number falls within a given range is generally straightforward. However, the challenge I faced with this assignment was the lack of clarity regarding whether the numbers in the array should be considered inclusive or exclusive to the range bounds of minimum and maxiumum. This ambiguity made it difficult to determine the correct approach initially, but in retrospect, assuming inclusivity would have been a reasonable assumption.

Working on this exercise allowed me to further refine my skills and revisit the usage of logical operators such as "and" and "or". Comparatively, my previous encounter with the "cumulative" problem posed greater challenges, particularly in terms of setting up the project and navigating the code submission process. Through these experiences, I am actively enhancing my abilities and adapting to diverse problem-solving scenarios.