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Data Structures and Algorithms

Critical Reflection

Week 2 - Task B

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What went well

The form works as required of the spec with the ability to add names to a queue and reverse the order from a given position. The input and buttons within the form catches errors such as giving an empty input or trying to remove from an empty queue. The layout of the form is simple and easy to understand. The easier coding aspects were the enqueue or dequeue functions.

Encountered difficulties

Reversing the queue was challenging as it added whitespace between entries, which counts as an element to reverse from. To overcome this the list is reversed from the indicated integer then is joined with a space between each entry.

**Difficulty assessment**

The difficulty of this task was moderate with the only issue being the reversing of the list from a given position, this was resolved by reversing the list then assigning each entry together with a space between entries. Using a list instead of storing the entries as a string would have worked better for reversing such order.

**Improvement/Reflection**

Improving this I would have the output box made not editable. More error catching such as numerical entries being filtered before adding it to the list, this could be done by filtering user input to assess whether the characters are numerical or alphabetical.