✅ Stack Questions (LIFO - Last In, First Out)

4. Reflection: Why stack is best for tracking actions in apps?

Answer is the following: Because the stack follows LIFO, meaning that the last in first out also the last actions you performed is the first one you can undo.
Stacks track the **last action performed**, making them ideal for **undo/redo** functionality in applications. And this is exactly how "undo" works in apps making easy to revers recent actions step by step.

✅ Queue Questions (FIFO - First In, First Out)

7. Challenge: Queue vs Stack for distributing books. Which is correct?

The answer is the following because   in fair distribution ,first person to arrive should get the book first.

- **Queue** is better for fair distribution (**FIFO**).
- **Stack** gives last item first, which is unfair for distribution.

8. Reflection: Why FIFO ensures fairness in libraries?

Answer is the following: because FIFO gives priority to the person waited longest so this making it fair for every one.
FIFO ensures the **first person to request** a book **gets it first**, maintaining fairness in access.