3. Challenge: Push ["1", "2", "3"], pop two, push "4". What is top?

Steps:

- Push: ["1", "2", "3"]
- Pop two: remove "3" and "2" → stack becomes ["1"]
- Push "4" → stack becomes ["1", "4"]

Answer: "4" is top.

4. Reflection: Why stack structure makes sense for redo/undo?

Answer: Stacks work perfectly for redo/undo because they follow **LIFO**:

- The last action you did is the first one you undo.
- When you redo, you reapply the most recently undone action. This mirrors how humans reverse steps—one at a time, in reverse order.