



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. In which scenario would you prefer a queue over a stack?

- A. When you need to access the last element
- B. When you need to process elements in the order they were added
- C. When you need to delete elements randomly
- D. When you need to access elements by index

Solution: A queue is preferred when you need to process elements in the order they were added, following the First In First Out (FIFO) principle.

Q2. In a stack implemented using an array, what happens when you try to push an element onto a full stack?

- A. The element is added
- B. The stack overflows
- C. The stack shrinks
- D. The element is ignored

Solution: Pushing onto a full stack results in a stack overflow error, as there is no space to add more elements.



