SoulShift

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.

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