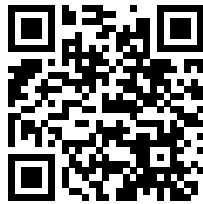




SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the time complexity of pushing an element onto a stack?

- A. $O(1)$
- B. $O(n)$
- C. $O(\log n)$
- D. $O(n^2)$

Solution: Pushing an element onto a stack is done in constant time, hence $O(1)$.

Q2. What is the time complexity of deleting an element from a queue?

- A. $O(1)$
- B. $O(n)$
- C. $O(\log n)$
- D. $O(n^2)$

Solution: Deleting an element from the front of a queue is done in constant time, hence $O(1)$.



