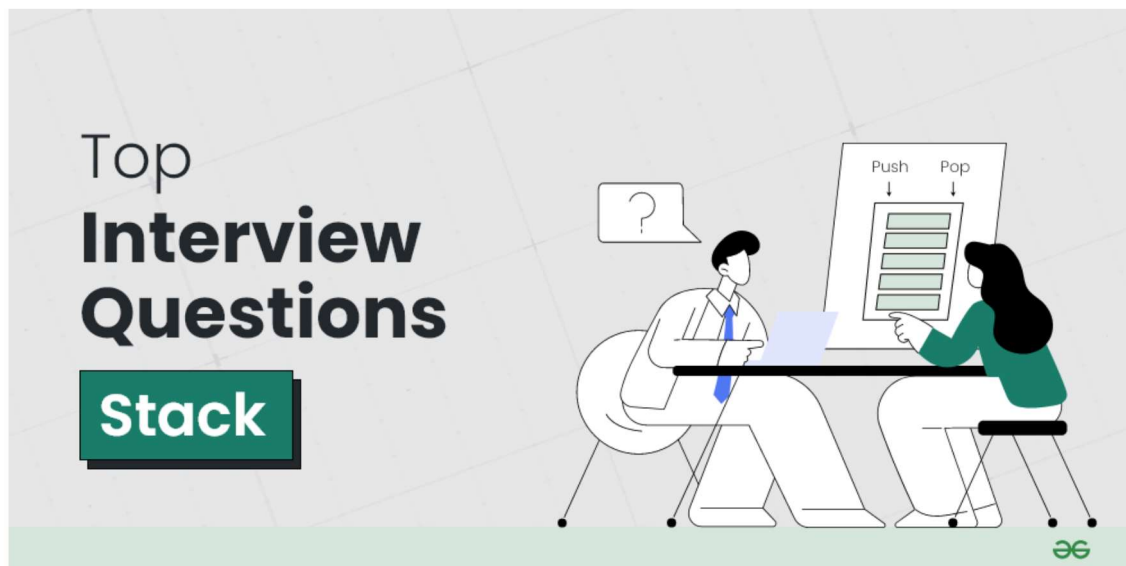# Top 50 Problems on Stack Data Structure asked in SDE Interviews

Last Updated : 28 Dec, 2023

A **Stack** is a linear data structure in which the insertion of a new element and removal of an existing element takes place at the same end represented as the top of the stack. To learn about Stack Data Structure in detail, please refer to the [Tutorial on Stack Data Structure](#).

Given below are the most frequently asked interview questions on Stack:

Easy Interview Questions on Stack Data Structure
[Parenthesis Checker](#)
[Reverse a String using Stack](#)
[Why do we need Prefix and Postfix notations?](#)
[Reverse an array using Stack](#)
[How would I modify my code to delete chars from the beginning?](#)

Easy Interview Questions on Stack Data Structure

Check for balanced parentheses in an expression

Reverse a Stack using queue

Delete Middle element from stack

Reverse individual words

Medium Interview Questions on Stack Data Structure

How to implement a queue using two stacks?

Implement Stack using Queues

Implement a stack using a single queue

Evaluate Postfix Expression

Next Greater Element

Nearest Smaller Element

Find next Smaller of next Greater in an array

Sort a stack using a temporary stack.

Stock Span Problem

Reverse a stack using recursion

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