



Lists

Stacks

We can perform several operations on linear data structures, like, traversal, insertion, deletion, searching, sorting and so on.

Stack is a data structure which performs insertion and deletion operations at one end only. The insertion operation in stack is 'Push' operation whereas the deletion operation is 'Pop' operation. Stack maintains a Last in First Out (in other words LIFO) data structure. Recall the diagram where books are stacked. The book at the bottom was entered first but the book which is at the top, which has been entered last, will be taken out first.