

A Stack is a linear data structure that follows a particular order in which the operations are performed. The order may be LIFO (Last In First Out) or FILO (First In Last Out). LIFO implies that the element that is inserted last, comes out first and FILO implies that the element that is inserted first, comes out last. A Stack is a linear data structure that follows the LIFO (Last-In-First-Out) principle. Stack has one end, whereas the Queue has two ends (front and rear). It contains only one pointer top pointer pointing to the topmost element of the stack. Whenever an element is added in the stack, it is added on the top of the stack, and the element can be deleted only from the stack. In other words, a stack can be defined as a container in which insertion and deletion can be done from the one end known as the top of the stack. The Stack is an important topic that comes under the Computer Science family. And, when it comes to competitive examinations like GATE, you need to know every aspect of the Stack. This article will enlighten you with in-depth information about Stacks. We believe that the information contained in the notes for the CSE topics will help you understand this topic in a better way.