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| Array | Link List |
| The main reason why array cannot be used to make stack is that it has fixed size. | Link list has no size limit. |
| It is difficult to delete an index in array. | It is easy to delete or remove things from the list. |
| In array the size is declared at the compile time. | In link list size can be changed dynamically changed at runtime. |
| In case of array any element can be accessed by its index. | In case of link list we have to go through all the elements. |
| Array uses less memory. | Link list uses more memory because it stores data of next node. |
| When we push element it takes much time. | It takes less time to add new element. |
| In queue it is easy to difficult to remove first index and rearranging all the remaining indexes. | It is easy to get the first index from the queue. |

**Applications of Stack:**

Stack is used in the case in which we are required to access the most recent data. In the companies like google, Facebook stack is used to store data of most recent users.

It is also used to store information to solve problems like solving parenthesis problems.

**Application of Queue:**

It is used in operating systems to handle multiple tasks.

Applied in mp3 players to play the song which is added first.

Used as a waiting list for tasks which are to be performed by the processor.