- ☑ Binary Search
- **☑** Selection Sort
- ✓ Insertion Sort

- ☑ Quick Sort
- ☑ Queue

Time Complexity										
Algorithms	Best Time	Average Time	Worst Time							
Linear Search	O(1)	O(n)	O(n)							
Binary Search	O(1)	O(logn)	O(logn)							
Bubble Sort	O(n)	O(n^2)	O(n^2)							
Selection Sort	O(n^2)	O(n^2)	O(n^2)							
Insertion Sort	O(n)	O(n^2)	O(n^2)							
Merge Sort	O(nlogn)	O(nlogn)	O(nlogn)							
Quick Sort	O(nlogn)	O(nlogn)	O(n^2)							

Analysis of Stack Operations

Below mentioned are the time complexities for various operations that can be performed on the Stack data structure.

→ Push Operation: O(1)
→ Pop Operation: O(1)
→ Top Operation: O(1)
→ Search Operation: O(n)

Complexity of Queue										
	Time Complexity Space						Space Complexity			
	Average			Worst		Worst				
Queue	Access	Search	Insertion							