

Tutorial Overview of [Data Structures & Algorithms - 1 \(Based on UIU\)](#) playlist

#	Topic
Lecture 1	Time Complexity Analysis
Lecture 2	Asymptotic Notation: Big O, Big Omega and Theta Notations
Lecture 3	Binary Search Algorithm
Lecture 4	Array Addressing
Lecture 5	Insertion Sort Algorithm
Lecture 6	Quick Sort Algorithm
Lecture 7	Merge Sort Algorithm
Lecture 8	Recurrence Time of Merge Sort
Lecture 9	Singly Linked List
Lecture 10	Doubly Linked List
Lecture 11	Implementation of Stack using Linked List
Lecture 12	Implementation of Stack using Array
Lecture 13	Implementation of Queue using Arrays

Click [here](#) for DSA-1 GitHub repo

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