Thriver Ashish's DSA Sheet - solved

(Description + Answers)

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Table of Contents

[Day 1 3](#_Toc129200540)

[Understand Big O notation (Time and Space complexity) 3](#_Toc129200541)

[Day 2 4](#_Toc129200542)

[- Study Basic Concepts of Array and get familiar with List DS in the programming language you chose. 4](#_Toc129200543)

[- Reverse the array in place (space complexity should be constant) 4](#_Toc129200544)

[Input —>> 3,5,9,4,2 Output —>> 2,4,9,5,3 4](#_Toc129200545)

[- Insert an element in between of array 4](#_Toc129200546)

[Day 3 & 4 5](#_Toc129200547)

[Understand Quick Sort, Merge Sort, Insertion Sort and Selection Sort Implement them all in your fav programming language 5](#_Toc129200548)

# Day 1

## Understand Big O notation (Time and Space complexity)

# Day 2

## - Study Basic Concepts of Array and get familiar with List DS in the programming language you chose.

## - Reverse the array in place (space complexity should be constant)

## Input —>> 3,5,9,4,2 Output —>> 2,4,9,5,3

#include <bits/stdc++.h>

using namespace std;

int main(){

    int n;

    cin >>n;

    int arr[n];

    for(int i=0;i<n;i++){

        cin>>arr[i];

    }

    int s=0,e=n-1;

    while(s<e){

        swap(arr[s],arr[e]);

        s++;

        e--;

    }

    return 0;

}

## - Insert an element in between of array

# Day 3 & 4

## Understand Quick Sort, Merge Sort, Insertion Sort and Selection Sort Implement them all in your fav programming language