

1. Make an array of struct Student given below and tell which student got the highest marks and which student got the lowest marks?

```
struct Student
{
    char name[100];
    int marks;
    int roll;
    char section;
    int whichClass;
};
```

For example:

Input

"Akib" 91 29 'C' 9

"Sakib" 99 31 'D' 9

"Rakib" 57 45 'D' 9

Output:

Highest - "Sakib" 99 31 'D' 9

Lowest - "Rakib" 57 45 'D' 9

2. Write a C program to calculate the sum of two integers. Make a file named "in.txt" and take input from that file using command prompt / terminal and show output in that command prompt.
3. Write a C program to calculate the sum of two integers. Make a file named "out.txt" and get output in that file using command prompt / terminal and take input in that command prompt.
4. Write a C program to calculate the sum of two integers. Make a file named "in.txt" and "out.txt" and take input from "in.txt" file and get output in "out.txt" file using command prompt / terminal.
5. Write a C program to take input from a file named "input.txt" and calculate how many characters are there in that file
6. Write a C program to take an integer array of size N as input and calculate the sum of all integers. You need to do this using files. That means, you will take input from a file, and give output into a file without using command prompt / terminal.
7. Do the above problem but this time with test cases. You need to take a test case as input and run the program until the test case ends. Also you need to store all the outputs into a file in such a way that the file contains all sums of those test cases.

For example:

Input:

3
5
1 2 3 4 5
4
2 5 1 4
6
5 8 1 7 50 2

Output: The file contains

Case 1: 15

Case 2: 12

Case 3: 73