

## Find out highest marks

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- **Problem**

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- **Submissions**

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- **Leaderboard**

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- **Discussions**

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***You must use dynamic memory allocation functions to allocate memory for reading given data. Do not use static/variable length array. You should not use vector too. As this problem statement is for you to practice use of dynamic memory***

Use following structure to read information regarding each student.

```
typedef struct
{
    int r_no;
    int marks;
    char dept[3]; // It would only have one value from CE / EC / IT
}student;
```

### **Input Format**

First line of input will contain number ***n*** (number of students).

Next ***n*** lines contain information (roll\_numbe, marks and department) of ***n*** students.

### **Constraints**

0 < n <= 100000

### **Output Format**

First line of output should have overall highest marks.

Second line of output should have highest marks of CE deFind out highest marks

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Use following structure to read information regarding each student.

```
typedef struct
```

```
{
```

```
    int r_no;
```

```
    int marks;
```

```
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;
```

```
int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}
```