Nacwadi	Marwadi University	
Marwadi University	Faculty of Technology	
	Department of Information and Communication Technology	
Sem: 4	Name : VEDANT BHARAD	
Day: 90	Date: 15/01/2023	Enrollment No: 92100133023

CP Club 365 Days Challenge

Programming language – C++

Problem Statement

https://www.hackerrank.com/challenges/small-triangles-large-triangles/problem?isFullScreen=true



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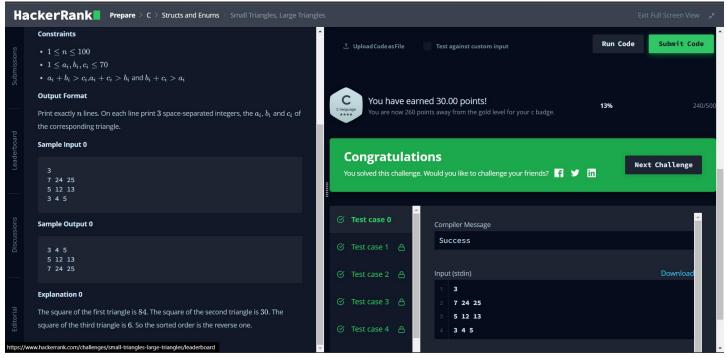
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Your Code:

```
#include <math.h>
struct triangle
typedef struct triangle triangle;
void sort_by_area(triangle* tr, int n) {
    for(int loop1=0;loop1<n;loop1++){</pre>
        arr[loop1]=(p*(p-tr[loop1].a)*(p-tr[loop1].b)*(p-tr[loop1].c));
    for(int loop1=0;loop1<n;loop1++){</pre>
        for(int loop2=0;loop2<n-loop1-1;loop2++){</pre>
                arr[loop2]=arr[loop2+1];
int main()
    scanf("%d", &n);
    triangle *tr = malloc(n * sizeof(triangle));
    sort_by_area(tr, n);
```

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Output (Screen Shot):



Understanding about problem:

- In this task I need to sort the array based on their area.
- First stores their area into arr[] then based on that sort the main array.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club