nswer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main(){
    int n;
    scanf("%d",&n);
    for(int i=0;i<n;i++){
        int lenght,width,height;
        scanf("%d %d %d",&lenght,&width,&height);
        if(height<41){
            int volume = lenght*width*height;
            printf("%d\n",volume);
        }
    }
    return 0;
}
```

	Input	Expected	Got	
✓	4 5 5 5 1 2 40 10 5 41 7 2 42	125 80	125 80	✓

Passed all tests! ✓

✓ Done

✓ Done

✓ Done

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
#include <math.h>
#include <stdlib.h>
typedef struct
{
    int a,b,c;
    double area;
}
triangle;
double calculate_area(int a,int b,int c){
    double p=(a+b+c)/2.0;
    return sqrt(p*(p-a)*(p-b)*(p-c));
}
int compare(const void *t1,const void *t2){
    triangle *tri1=(triangle*)t1;
    triangle *tri2=(triangle*)t2;
    if(tri1->area < tri2->area)
    return -1;
    if(tri1->area > tri2->area)
    return 1;
    return 0;
}
int main(){
    int n;
    scanf("%d",&n);
    triangle triangles[n];
    for(int i=0;i<n;i++){
        int a,b,c;
        scanf("%d %d %d",&a,&b,&c);
        triangles[i].a=a;
        triangles[i].b=b;
        triangles[i].c=c;
        triangles[i].area=calculate_area(a,b,c);
    }
    qsort(triangles,n,sizeof(triangle),compare);
    for(int i=0; i<n;i++){
```

✓ Done

✓ Done

✓ Done

```
    if(tri1->area > tri2->area)
    return 1;
    return 0;
}
int main(){
    int n;
    scanf("%d",&n);
    triangle triangles[n];
    for(int i=0;i<n;i++){
        int a,b,c;
        scanf("%d %d %d",&a,&b,&c);
        triangles[i].a=a;
        triangles[i].b=b;
        triangles[i].c=c;
        triangles[i].area=calculate_area(a,b,c);
    }
    qsort(triangles,n,sizeof(triangle),compare);
    for(int i=0; i<n;i++){
        printf("%d %d %d\n",triangles[i].a,triangles[i].b,triangles[i].c);
    }
    return 0;
}
```

	Input	Expected	Got	
✓	3 7 24 25 5 12 13 3 4 5	3 4 5 5 12 13 7 24 25	3 4 5 5 12 13 7 24 25	✓

Passed all tests! ✓

✓ Done

✓ Done

✓ Done