

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main(){
3     int n;
4     scanf("%d",&n);
5     for(int i=0;i<n;i++){
6         int length,width,height;
7         scanf("%d %d %d",&length,&width,&
8             height);
9         if(height<41){
10             int vol=length*width*height;
11             printf("%d\n",vol);
12         }
13     }
```

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

Passed all tests! ✓

```

1 #include<stdio.h>
2 #include<math.h>
3 typedef struct{
4     int a,b,c;
5     double area;}
6 Triangle;
7 double calculate_area(int a, int b, int c
8     double p=(a+b+c)/2.0;
9     return sqrt(p*(p-a)*(p-b)*(p-c));
10 }
11 void sort_triangle(Triangle triangles[],i
12     for(int i=0;i<n-1;i++){
13         for(int j=0;j<n-i-1;j++){
14             if(triangles[j].area>triangle
15                 Triangle temp=triangles[j
16                 triangles[j]=triangles[j+
17                 triangles[j+1]=temp;
18             }
19         }
20     }
21 }
22 }
23 int main(){
24     int n;
25     scanf("%d",&n);
26     Triangle triangles[n];
27     for(int i=0;i<n;i++){
28         scanf("%d %d %d",&triangles[i].a,
29         triangles[i].area=calculate_area(
30     }
31     sort_triangle(triangles,n);
32     for(int i=0;i<n;i++){
33         printf("%d %d %d\n",triangles[i].
34     }
35 }
36 }

```

	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! ✓