



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     for(int i=0; i<n; i++)
7     {
8         int length,width,height;
9         scanf("%d %d %d",&length,&wid
10         if(height < 41)
11         {
12             int volume = length * width *
13             printf("%d\n",volume);
14         }
15     }
16 }
```

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<math.h>
3 #include<stdlib.h>
4 typedef struct
5 {
6     double area;
7     int a,b,c;
8 }Triangle;
9 double calculate_area(int a,i
10 {
11     double p = (a+b+c) / 2.0;
12     return sqrt(p*(p-a)*(p-b)
13 }
14 int compare(const void*x,cons
15 {
16     Triangle *t1 = (Triangle
17     Triangle *t2 = (Triangle
18     if(t1 -> area < t2 -> are
19     if(t1 -> area > t2 -> are
20     return 0;
21 }
22 int main()
23 {
24     int n;
25     scanf("%d",&n);
26     Triangle triangles[n];
27     for(int i=0; i<n; i++)
28     {
29         int a,b,c;
30         scanf("%d %d %d",&a,&
31         triangles[i].a = a;
32         triangles[i].b = b;
33         triangles[i].c = c;
34         triangles[i].area = c
35     }
36     qsort(triangles,n,sizeof(
```



Answer: (penalty regime: 0 %)

```
1
2
3
4
5
6
7
8
9 int a,int b,int c)
10
11 / 2.0;
12 )*(p-b)*(p-c));
13
14 *x,const void*y)
15
16 iangle *)x;
17 iangle *)y;
18 -> area) return -1;
19 -> area) return 1;
20
21
22
23
24
25
26 [n];
27 i++)
28
29
30 d",&a,&b,&c);
31 = a;
32 = b;
33 = c;
34 rea = calculate_area(a,b,c);
35
36 sizeof(Triangle),compare);
```

```

22 int main()
23 {
24     int n;
25     scanf("%d",&n);
26     Triangle triangles[n];
27     for(int i=0; i<n; i++)
28     {
29         int a,b,c;
30         scanf("%d %d %d",&a,&b,&c);
31         triangles[i].a = a;
32         triangles[i].b = b;
33         triangles[i].c = c;
34         triangles[i].area = calculateArea(a,b,c);
35     }
36     qsort(triangles,n,sizeof(Triangle),compare);
37     for(int i=0; i<n; i++)
38     {
39         printf("%d %d %d\n",triangles[i].a,triangles[i].b,triangles[i].c);
40     }
41     return 0;
42 }

```

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

Passed all tests! ✓

Finish review