

```

1  #include <stdio.h>
2
3  int main() {
4      int box1_1 = 15;
5      int box1_2 = 10;
6      int box1_3 = 8;
7      int size1 = box1_1 * box1_2 * box1_3;
8
9      int box2_1 = 25;
10     int box2_2 = 15;
11     int box2_3 = 12;
12     int size2 = box2_1 * box2_2 * box2_3;
13
14     int box3_1 = 50;
15     int box3_2 = 40;
16     int box3_3 = 20;
17     int size3 = box3_1 * box3_2 * box3_3;
18
19     int count1 = 0;
20     int sum1 = 0;
21     int count2 = 0;
22     int sum2 = 0;
23     int count3 = 0;
24     int sum3 = 0;
25
26     int N, i;
27     scanf("%d", &N);
28     for(i = 0; i < N; ++i) {
29         int A, B, C;
30         scanf("%d %d %d", &A, &B, &C);
31         if(A <= box1_1 && B <= box1_2 && C <= box1_3) {
32             printf("1\n");
33             ++count1;
34             sum1 += size1 - A * B * C;
35         } else if(A <= box2_1 && B <= box2_2 && C <= box2_3) {
36             printf("2\n");
37             ++count2;
38             sum2 += size2 - A * B * C;
39         } else if(A <= box3_1 && B <= box3_2 && C <= box3_3) {
40             printf("3\n");
41             ++count3;
42             sum3 += size3 - A * B * C;
43         } else {
44             printf("Oversize product\n");
45         }
46     }
47
48     printf("%d %d\n", count1, sum1);
49     printf("%d %d\n", count2, sum2);
50     printf("%d %d\n", count3, sum3);
51
52     return 0;
53 }
54

```