

```

1  /// Com Pro 1 Midterm Exam 2557-1: Count Best Students
2  /// Author: Pinyo Taeprasartsit
3
4  #include <stdio.h>
5
6  void main() {
7      int w, x, y, z, id;
8      int bestScore = -1;
9      int bestId = -1;
10     int count = 0;
11     while(1) {
12         scanf("%d", &id);
13         if(id < 0)
14             break;
15
16         scanf("%d %d %d %d", &w, &x, &y, &z);
17         int score = w + x + y + z;
18
19         if(w <= x && w <= y && w <= z)
20             score -= w;
21         else if(x <= w && x <= y && x <= z)
22             score -= x;
23         else if(y <= w && y <= x && y <= z)
24             score -= y;
25         else
26             score -= z;
27
28         if(score > bestScore) {
29             bestScore = score;
30             bestId = id;
31             count = 1;
32         } else if(score == bestScore) {
33             ++count;
34         }
35     }
36
37     if(count == 1) {
38         printf("%d\n%d", bestId, bestScore);
39     } else {
40         printf("%d*\n%d", count, bestScore);
41     }
42
43 }

```