

```
1  /// Com Pro 1 Midterm Exam 2557-1: Find Best Student ID
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     while(1) {
11         scanf("%d", &id);
12         if(id < 0)
13             break;
14
15         scanf("%d %d %d %d", &w, &x, &y, &z);
16         int score = w + x + y + z;
17
18         if(w <= x && w <= y && w <= z)
19             score -= w;
20         else if(x <= w && x <= y && x <= z)
21             score -= x;
22         else if(y <= w && y <= x && y <= z)
23             score -= y;
24         else
25             score -= z;
26
27         if(score > bestScore) {
28             bestScore = score;
29             bestId = id;
30         }
31     }
32
33     printf("%d\n%d", bestId, bestScore);
34 }
```