

```

1  /// Final 2554-2 Type 1: Best Student Excluding Min
2  #include <stdio.h>
3  #include <limits.h>
4
5  struct Student {
6      char first_name[51];
7      char last_name[51];
8      int total_score;
9      int T[10];
10 } typedef Student;
11
12 Student S[1000];
13
14 int main() {
15     int nS, nT;
16     scanf("%d", &nS);
17     nT = 5;
18
19     int best_total = INT_MIN;
20     int i, j;
21     for(i = 0; i < nS; ++i) {
22         scanf("%s %s", S[i].first_name, S[i].last_name);
23
24         int sum = 0;
25         int lowest = INT_MAX;
26         for(j = 0; j < nT; ++j) {
27             int score;
28             scanf("%d", &score);
29             sum += score;
30             if(score < lowest)
31                 lowest = score;
32         }
33
34         S[i].total_score = sum - lowest;
35         if(S[i].total_score > best_total)
36             best_total = S[i].total_score;
37     }
38
39     printf("%d\n", best_total);
40     for(i = 0; i < nS; ++i) {
41         if(S[i].total_score == best_total) {
42             printf("%s %s\n", S[i].first_name, S[i].last_name);
43         }
44     }
45
46     return 0;
47 }

```