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1  /// Author: Pinyo Taeprasartsit
2  /// File: best_student.c
3  /// Purpose: Quiz 5, Computer Programming I, 2555-1
4
5  #include <stdio.h>
6
7  struct {
8      char id[9];
9      char name[31];
10     char surname[51];
11     float gpa;
12 } typedef Student;
13
14 Student A[100];
15
16 int main() {
17     int N;
18     scanf("%d", &N);
19
20     int best_index = -1;
21     float best_gpa = -1;
22     int i;
23     for(i = 0; i < N; ++i) {
24         scanf("%s %s %s %f", A[i].id, A[i].name, A[i].surname, &A[i].gpa);
25         if(A[i].gpa > best_gpa) {
26             best_gpa = A[i].gpa;
27             best_index = i;
28         }
29     }
30
31     printf("%s %s %s %.2f", A[best_index].id, A[best_index].name,
32           A[best_index].surname, A[best_index].gpa);
33
34     return 0;
35 }
36
```