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1  /// Final 2555-2: Qualified Examinees (2 Arrays)
2  /// Author Pinyo Taeprasartsit
3
4  #include <stdio.h>
5
6  int main() {
7      char A_ID[10000][6];
8      int A_Score[10000];
9      int N, i;
10     int sum = 0;
11     scanf("%d", &N);
12
13     // Read Input and compute sum of scores
14     for(i = 0; i < N; ++i) {
15         scanf("%s %d", A_ID[i], &A_Score[i]);
16         sum += A_Score[i];
17     }
18     double d = sum / (double) N;
19
20     // Count the number of qualified examinees
21     int count = 0;
22     for(i = 0; i < N; ++i) {
23         if(A_Score[i] >= d) {
24             ++count;
25         }
26     }
27     printf("%d\n", count);
28
29     // List the IDs of qualified examinees
30     for(i = 0; i < N; ++i) {
31         if(A_Score[i] >= d) {
32             printf("%s\n", A_ID[i]);
33         }
34     }
35
36     return 0;
37 }

```