

```
1  #include <stdio.h>
2
3  struct student {
4      char ID[11];
5      int scores[100];
6      int final_score;
7  } typedef Student;
8
9  int main() {
10     Student A[1000];
11     int N, T;
12     scanf("%d %d", &N, &T);
13
14     int s, t;
15     int best_score = -1;
16     for(s = 0; s < N; ++s) {
17         scanf("%s", A[s].ID);
18         A[s].final_score = 0;
19         for(t = 0; t < T; ++t) {
20             scanf("%d", &A[s].scores[t]);
21             A[s].final_score += A[s].scores[t];
22         }
23
24         if(A[s].final_score > best_score) {
25             best_score = A[s].final_score;
26         }
27     }
28
29     printf("%d\n", best_score);
30     for(s = 0; s < N; ++s) {
31         if(A[s].final_score == best_score) {
32             printf("%s\n", A[s].ID);
33         }
34     }
35
36     return 0;
37 }
38
```