

```
1 #pragma once
2 #include <iostream>
3 #include <fstream>
4 using namespace std;
5 class Dancer
6 {
7     int id;
8     int hours;
9     float rate;
10
11 public:
12     Dancer();
13     void read_val(ifstream &);
14     void print_val(ofstream&);
15     void sort_by_id(Dancer d[], int);
16     void sort_by_rate(Dancer d[], int);
17     int couple_counter(Dancer d[], int);
18
19     // Total amount earned by Each couple and the number of sponsors
20     void u_id(Dancer d[], ofstream&);
21
22     // money earned from each performance
23     float get_earnings(Dancer d[], int);
24     int get_id();
25     int get_hrs();
26     float get_rate();
27
28     // Total money earned by all dancers
29     float total_raised(Dancer d[]);
30     void swap(int, int, Dancer d[]);
31
32     void best_couple(Dancer d[], ofstream&);
33 };
34
35
```