

Chess Players

Problem ID: a16p00overview

In this assignment, which is in two parts, you write a program that reads in a list of the top 100 highest rated chess players in the world and prints out a different view of the data.

Input file

A line in the input file has the following format: Rank; Name; Country; Rating; Birth year. A semicolon is the separator between fields. The name of the chess player consists of last name, first name, so in full, the format is: Rank; Last name, First name; Country; Rating; Birth year.

For example, the following shows the first 10 lines in the file chess-top-100.csv:

```
1; Carlsen, Magnus; NOR; 2839; 1990
2; Caruana, Fabiano; USA; 2827; 1992
3; Mamedyarov, Shakhriyar; AZE; 2820; 1985
4; Ding, Liren; CHN; 2804; 1992
5; Aronian, Levon; ARM; 2780; 1982
6; Giri, Anish; NED; 2780; 1994
7; Vachier-Lagrave, Maxime; FRA; 2780; 1990
8; Kramnik, Vladimir; RUS; 2779; 1975
9; So, Wesley; USA; 2776; 1993
10; Anand, Viswanathan; IND; 2771; 1969
```

A part of the requirement, even though we will not implement it in this assignment, is that your program should later be able to look up a given chess player in an effective manner and displays his/her attributes; rank, country, rating, birth year.