

Rundator

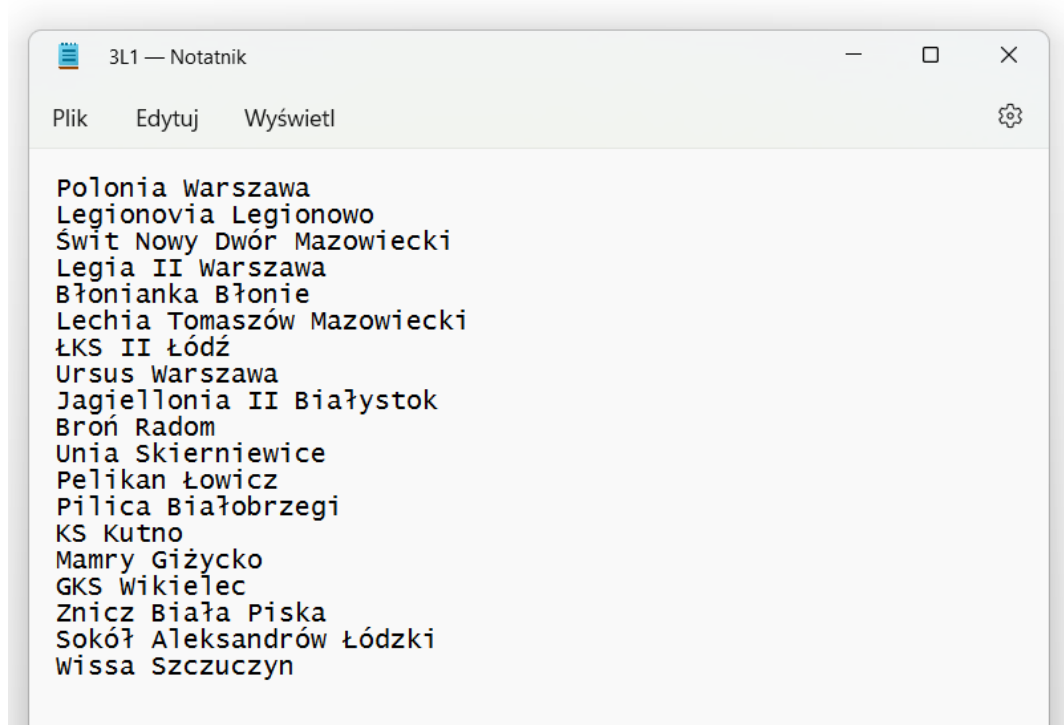
Manual

What do application ?

The Rundator application randomly generates league fixtures divided into rounds (legs) and matchdays.

Input data

The application only needs the team names. You should open a regular Windows Notepad and write or copy the team names in any order. The names must be placed line by line and cannot contain sequential numbers.



Requirements

- **number of legs** – You can set any number of legs (rounds). If you set more than 2 legs, each odd leg is drawn in new ways. Even legs are rematches with the host-guest pairs reversed.
- **all legs symmetrically** – It works if more than 2 legs (rounds) are set and causes any legs 3, 5, 7,... to not be drawn but to be a repeat of leg 1.
- **alternating schedule**– In this field you can enter the numbers of teams that are to have an ideal alternating schedule, i.e. they play alternately home-away and home-away.... Only two teams can have such a schedule (if the number of teams is odd, the Rundator application allows only one), usually these are the two best teams, e.g. the champion and runner-up or the two best relegated teams. This field can be left blank.

- **first game at home** – Here you can enter the numbers of the teams that will start the season with a home match, usually these are the newcomers. This field can be left blank.
- **derby pairs** – Here you can enter the numbers of the teams that will create derby pairs; such teams will never play both at home in the same matchday. This is a recommended option in the case of two teams from the same town. It facilitates the work of the security services, and also allows local fans to watch the home match of one of these two teams each matchday. Creating a derby pair is also advisable when two teams use the same pitch. This field can be left empty.

Result

The drawn schedule (fixtures) meets all the requirements entered as well as the following conditions:

- each team will play two home games in a row or two away games in a row as rarely as mathematically possible (i.e. at most once per leg);
- the teams are guaranteed an equal start, no team will start the games with two away games, each of them will play 1 home game and 1 away game in the first 2 matchdays, and the same will apply (as long as the league has at least 10 teams) in the first 4 matchdays – each will play 2 home games and 2 away games;
- the teams are guaranteed an equal finish, no team will end the games with two away games, each of them will play 1 home game and 1 away game in the last 2 matchdays, and the same will apply (as long as the league has at least 8 teams) in the last 4 matchdays – each will play 2 home games and 2 away games;

The drawn league schedule (fixtures) will be displayed on the screen and, if this option is selected, also saved to a text file in the Fixtures folder located in the same folder as the Rundator application. It can also be saved to a *csv file - this format is easy to open in Excel or another spreadsheet, where it can be given any graphical form.

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