Exercises

In the following exercises, you have to use arrays. Remember to use functions also!

- You are a teacher and have to register students in a new class. When you run the program, you have to enter 6 names, and then all the names will be automatically sorted and shown on the screen.

- Create a restaurant menu! The user reads a menu with 5 dishes on the screen and enters the chosen one. Check if the dish is actually on the menu and if that specific dish is expired. Then communicate the result of the search. (At the beginning, you have 3 portions per dish. The user can place an order as many times as they want.)

- Create a shopping list with a maximum of 10 elements. Using a menu, you can choose to fill the list, delete a specific element, or show the entire list. When you fill the shopping list, after entering each element, you can decide whether to end the filling. When you show the list, the empty elements are simply skipped.

- Use arrays to create your personal version of Tic-Tac-Toe! You should be able to play with a classmate. The program automatically checks the winning conditions after each turn.