Test task for C++ internship
Version 2.0.0

Create a **console application** to interact with the cell phone shop. It is necessary to store such information about phones:

- Brand name
- Model name
- Form factor
- Year of issue
- Screen size
- Price

Implement this functionality through the console menu:

- Adding a phone
- Deleting a phone
- Reports

Implement the following reports:

- Show all phones by the same brand
- Show all phones of a given form factor and screen size
- Show the name of the brand with the maximum quantity of the phones
- Show TOP-3 screen sizes (popularity is determined by the number of phones with the screen size)

If you quickly complete the main part, be sure to implement two additional tasks (if you implement them, it would be a plus when evaluating your assignment):

- Saving a list of phones to a file
- Loading a list of phones from a file

Please note that the number of phones in a shop is not fixed, so the use of pointers and dynamic memory handling is **mandatory**.

The rest of the architectural decisions (such as the use of structures, classes, etc.) are up to you.

Proper use of design patterns and SOLID principles would be a plus when evaluating your assignment.

Upload the application source code to your GitHub profile and provide a link to it.