**The laboratory work 15**

Exercise 1. Create a class bank account with private fields: account number, balance, bank account type. Provide methods for accessing data - filling and reading. Create a class object, fill in its fields and print information about the class object.

Exercise 2. Change the class of bank account from Exercise 1 so that the account number is self-generated and unique. To do this, you need to create a static variable in the class and a method that increases the value of this variable.

Exercise 3: Add two methods to the bank account class: withdraw and deposit. The withdrawal method checks whether it is possible to withdraw the requested amount, and in case of a positive result, changes the balance.