Lab 6.5.1 Composition: part 1

Objectives

Familiarize the student with:

- modelling real-world entities in C++,
- the composition of objects from objects of other classes.

Scenario

In one of the network programs you need to store the IP addresses of a computer and other devices. Create a class describing Network with an array of IPAddress. Implement methods to:

- add one IPAddress to Network;
- print all addresses in Network.

Create two Network objects and five IPAddress objects. One IPAddress should be placed in both networks. Get five addresses from the user. Print both networks.

Example input

```
1.1.1.1
2.2.2.2
3.3.3.3
4.4.4.4
5.5.5.5
```

Example output

```
Network 1:
1.1.1.1
2.2.2.2
3.3.3.3
Network 2:
3.3.3.3
4.4.4.4
5.5.5.5
```