

1.

In an animal shelter are abandoned cats and dogs. But the spots to shelter the animal are limited. So, there are cases when there is no place to shelter a new animal. But also, from time to time, people come to see and adopt the cats and dogs and a spot is released.

Create a structure of classes that offer this functionality.

2.

Write a console application using C# to represent a class-structure for a flower shop.

There is a flower shop where you can buy flower by piece or by bouquet. There, they offer 3 types of bouquets: *big bouquet* (made with 9 roses, 10 gladiolus and 3 hydrangeas), *medium bouquet* (6 roses and 5 gladiolus) or *small bouquet* (5 roses). For now, they offer only these types of bouquets.

Otherwise, you can buy flower by piece.

The price of a bouquet of flowers represents the sum of the flowers prices that is made of, plus 2 RON for assembly.

Display the approximate inventor for month of November (detailed sales and cash receipts), knowing the following:

The costs: a rose – 10 RON/piece, a gladiola – 15 RON/piece and a hydrangea – 30 RON/piece.

Also, that aprox. per day, the florist sells 35 bouquets (13 big, 10 medium and 12 small) and by piece: 15 roses, 10 gladiolus and 25 hydrangeas.

Please keep in mind that we want you to apply as much as OOP knowledge as possible (no procedural programming).