Programming Lab Exercise 4

Before you start:
Create a folder called **lab4** inside your personal **java** folder you created at the start.
Save all your work for lab4 in this folder. Your program should be called **MyHR.java**

Purpose:
Tests your understanding of the concept of classes and aggregation in Java.

Problem:

You have been asked to create a rudimentary HR system called **MyHr** to help administer the growing number of employees in the company. The system will manage the employees' details and office number allocation.

The system should offer the user the following options:
1. List all offices
2. Create a new employee record
3. List all employees

Some specifics:
- The system will initialise 3 office records automatically. They should have room numbers starting at 100 (allocated from a static class variable).
- The user can create up to a maximum of 5 employee records.
- Each employee should have an automatically assigned employee number, starting at employee number 1000
- They should have an address consisting of
    o Street
    o City/town
    o County
- They should have an employee type of either "Staff" or "Manager"
- If they are a "Manager" then they should have some details about their company car
- They must be assigned to an existing Office (maximum 2 people in an office)

Implementation:
You are expected to use classes and aggregation.
You should have the following classes (include whatever class variables you feel appropriate):
- Employee
    o (it should also contain a method to return the number of employee records)
- Address
- Office
    o (it should also contain a method to return the number of employees assigned to it)

- o (it should also contain a method to return the record of each employee assigned to the office)

Each class should implement a `toString()` method for printing.