1. Write a program for working input Tags from a company that share the building with other companies.

   The conditions are as follow:
   - When an employer come to the office, he has a tag that he uses to pass the door. This provides the name as an input to the tag-scanner/application and shows "Welcome Name".
   - When an employer from another company tries to use the tag to pass the door, the application raised an event and shows a warning alarm. If he insists more than 3 consecutive times, a new event is raised that sends an email to the administrator. Also, the fire alarm starts.
   - If Mathew, Lillo and Jackie (banned employees) are using their tags, the tag-scanner/application raise an event that shows "You don't work here anymore". After 3 consecutive times, an email is sent to the administrator.

2. Write a console application using C# to represent a class-structure for a flower-shop. Here, you can buy flower by piece or by bouquet. 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 (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.
   Knowing the costs: a rose – 10 RON/piece, a gladiola – 15 RON/piece and a hydrangea – 30 RON/piece; Knowing that in a week the florist sells 35 bouquets (13 big, 10 medium and 12 small) and by piece: 15 roses, 10 gladiolus and 25 hydrangeas; Create a report/inventory with what the florist will sell in a week.
   Please keep in mind the structure of the classes (OOP not procedural programing) and clean code.