1. Using the Customer Reservation problem:
   1. Create a FindBy() method in the Repository class. It receives as parameter a Lambda Expression. Call the method and provide specific lambda expressions for:
      1. Search customers by name
      2. Search customers by id
      3. Search customer reservations
   2. Create methods that:
      1. Sort reservation by the checkin date
      2. Detect overlaps in the reservation of a customer or other customers – only one room available for a hotel.
      3. Proposes checkin/checkout dates based on available reservations
2. Create an application which allows the communication between students and professors. When a student finishes a homework, the professor will receive the homework and correct it – just display that he received it. Students can have multiple subjects and professors can teach only one subject.