1. Create your own generic implementation for Stack. Your code should allow in the end to create a Stack<T> (of any type) and allow for the operations listed below. Do not use a generic collection inside your generic Stack implementation. (No List<T>; think about how you can link objects between them 😊):
   * **PUSH**: Adds an element to the top of the stack
   * **POP**:Removes the element from the top of the stack
   * **PEEK**: Retrieves the element from the top of the stack without removing it.
2. Apply Generics implementation to repository pattern from the previous homework (ex.4). You should be creating two repositories that provide you data about **Customer** class and **Reservation** class.
   1. GetAll() : List<T>
   2. GetById(int id): T
   3. Add(T) : bool / void
   4. Remove(int id): T / void / bool

Reference: [http://web.archive.org/web/20150404154203/https://www.remondo.net/repository-pattern-example-csharp/](http://web.archive.org/web/20150404154203/https:/www.remondo.net/repository-pattern-example-csharp/)