*Requirements:*

E-leisure.com is undergoing an upgrade to test out some new features. In particular, a text file will be used to store data statistics of all books sold through the online store. In order to achieve this, there is 1 task in this assignment that you are to attempt.

1. XStack

Create a template pointer-based stack class called XStack based on the standard stack ADT(push, pop, peek, isEmpty, makeEmpty methods) and extend it to incorporate the following new methods:

1. Duplicate – Make another copy of the top item in the stack and push it back to the stack.
2. SwapTop – Exchange the position of the two top-most items on the stack