UECS2354 Software Testing
Lab Exercise – Checkpoint 2

1. The `salesObject` class in `MyOwnBiz.java` contains two methods:
   - `getPromoItems()` will randomly select item for promotion and return the quantity available.
   - `upatePrice()` will update the price of the selected item based on the discount rate passed as argument.

   The `doPromotion()` method in the `myOwnBiz` class will call the `getPromoItems()` method to get the `quantity` and determine the discount rate based on the quantity. The discount rate will be passed to `updatePrice()` method.

   Write the appropriate test methods to test the `doPromotion()` method by using a stub and mock. Create your own methods that serve as stub / mock.

2. The `checkoutObject` class in `MyRegister.java` contains two methods:
   - `pickABook()` will randomly select a book based on the author name provided and return the year published.
   - `upateRecord()` will update the record of the selected book based on argument passed to it.

   The `borrowBook()` method in `myRegister` class will call `pickABook()` method to get the `year`, and determine the value of proceed by calculating the number of years that the book been published. The Boolean value `proceed` will be passed to the `updateRecord()` method.

   Write the appropriate test methods to test the `doPromotion()` method by using a stub and mock. Create your own methods that serve as stub / mock.