**Exercise-3**

Enhance Ex2) to have 2 subclasses called Technical Book and Management Book derived from Book class. Have an attribute called rate of discount in the subclasses. Let the rate of discount for Technical Book be 5% and for management Book be 10%.

Have appropriate set and get methods in the subclass

Update the AddBook() to have a submenu option as listed below

1) To add a Technical Book

2) To add a management Book

Based on the option selected, the appropriate object of the subclass should be careted and added to the Book array reference

Edit the DispBook() to have a submenu option as listed below

1) To display all Book details

2) To display only technical Books

3) To display only management Books

Based on the option selected, the appropriate details should be displayed on the console

Edit the SearchBook() method to display the BillingCost before and after the discount