

1. Try Every Point Covered in the Lecture
2. Considering the Code Below , Write Down the Body of all Listed Methods and Properties ,
you need to Define **fPtr** as the following cases:
 - a. User Defined Delegate Datatype
 - b. BCL Delegates
 - c. Anonymous Method (GetISBN)
 - d. Lambda Expression (GetPublicationDate)

```
public class Book
{
    public string ISBN { get; set; }
    public string Title { get; set; }
    public string[] Authors { get; set; }
    public DateTime PublicationDate { get; set; }
    public decimal Price { get; set; }

    public Book(string _ISBN , string _Title ,
                string[] _Authors , DateTime _PublicationDate ,
                decimal _Price)
    {
        throw new NotImplementedException();
    }

    public override string ToString()
    {
        throw new NotImplementedException();
    }
}

public class BookFunctions
{
    public static string GetTitle (Book B)
    {
        throw new NotImplementedException();
    }

    public static string GetAuthors(Book B)
    {
        throw new NotImplementedException();
    }

    public static string GetPrice(Book B)
    {
        throw new NotImplementedException();
    }
}
```

```
    }  
}  
  
public class LibraryEngine  
{  
    public static void ProcessBooks ( List<Book> bList  
                                     ,/*Pointer To BookFunciton*/ fPtr)  
    {  
        foreach (Book B in bList)  
        {  
            Console.WriteLine(fPtr(B));  
        }  
    }  
}
```