

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 //Added this workspace to allow us to use BasicTools and ValidationLibrary
7 using Week4_Class1;
8 //Use these namespaces to include DB capabilities for generic components and SQL
  Server
9 using System.Data;
10 using System.Data.SqlClient;
11
12
13 namespace Week_6_Sample1_DataValidation
14 {
15     class Ebook: Book    //Welcome to inheritance...Ebook has all that book has,
        but more!
16     {
17         private DateTime dateRentalExpires;
18         private int bookmarkPage;
19
20         public DateTime DateRentalExpires
21         {
22             get
23             {
24                 return dateRentalExpires;
25             }
26
27             set
28             {
29                 //If the date given IS a future date...
30                 if (ValidationLibrary.IsAFutureDate(value))
31                 {
32                     dateRentalExpires = value;    //Past Date...store it
33                 }
34                 else
35                 {
36                     //Future Date...Store error msg in feedback
37                     //***** ONLY WORKS BECAUSE feedback was changed to PROTECTED
38                     feedback += "\nERROR: You must enter future dates";
39                 }
40             }
41         }
42
43
44
45         public int BookmarkPage
46         {
47             get
48             {
49                 return bookmarkPage;
50             }
51         }
52     }
53 }
```

```
51
52     set
53     {
54         //if we have the miimum number of pages needed...
55         if (value >= 0 && value <= Pages)
56         {
57             bookmarkPage = value; //store the # of pages
58         }
59         else
60         {
61             //Store an error msg in Feedback
62             feedback += "\nERROR: Sorry you entered an invalid page # for ↗
63                         a bookmark.";
64         }
65     }
66
67
68
69     //Default Constructor
70     public EBook(): base() //Calls the parents constructor
71     {
72         BookmarkPage = 0;
73         dateRentalExpires = DateTime.Now.AddDays(14);
74     }
75
76 }
77 }
78
```