

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using Slogan;
7 using BooksOptions;
8
9 namespace BooksBuy
10 {
11     public class BooksBuyClass
12     {
13         public void BuyInput()
14         {
15             SloganDisplay buySlogan = new SloganDisplay(); //slogan
16             buySlogan.Display(); //display slogan
17             try
18             {
19                 BooksOptionsClass buyOptions = new BooksOptionsClass(); //book
20                 options class called
21                 buyOptions.BuyOptions();//use the buy options class inside book
22                 options
23                 Console.WriteLine("Enter Product Name:
24                 (Exclude author when entering product name)"); //printed to
25                 screen asking for userinput(string)
26                 string productName = Console.ReadLine();// userinput(string)
27                 called productName
28                 // !Never used! double[] prices = new double[8] { 5.00, 15.00,
29                 10.00, 20.00, 5.00, 3.50, 25.00, 5.00 };
30                 string[] names = new string[8] { "Anna Karenina", "Madame
31                 Bovary", "War and Peace", "The Great Gatsby", "Lolita",
32                 "Middlemarch", "The Adventures of Huckleberry Finn", "The
33                 Hobbit" };
34                 //above is an array that holds all titles we offer(8)
35                 if (names.Any(productName.Equals))//check that productName equals
36                 a value in the array(any value)
37                 {
38                     //if productName equals a value in the array, we then check
39                     to see what productName was entered to find the cost of the
40                     item.
41                     if (productName.Equals("Anna Karenina"))
42                     {
43                         double bookscost = 5.00; //cost of the item
44                         BooksCostCal mybookscost = new BooksCostCal(); //call the
45                         bookcostcal class
46                         double totalcost = mybookscost.CostCal(bookscost);//send
47                         bookcost into the bookcostcal class then but the value into
48                         totalcost
49                         BooksBuyDisplay newDisplay = new BooksBuyDisplay();//call
50                         the bookbuydisplay
51                         newDisplay.BooksDisplay(productName, totalcost);//send
52                         the productName and totalcost to the display class
```

```
36     }
37     if (productName.Equals("Madame Bovary"))
38     {
39         double bookscost = 15.00;
40         BooksCostCal mybookscost = new BooksCostCal();
41         double totalcost = mybookscost.CostCal(bookscost);
42         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
43         newDisplay.BooksDisplay(productName, totalcost);
44     }
45     if (productName.Equals("War and Peace"))
46     {
47         double bookscost = 10.00;
48         BooksCostCal mybookscost = new BooksCostCal();
49         double totalcost = mybookscost.CostCal(bookscost);
50         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
51         newDisplay.BooksDisplay(productName, totalcost);
52     }
53     if (productName.Equals("The Great Gatsby"))
54     {
55         double bookscost = 20.00;
56         BooksCostCal mybookscost = new BooksCostCal();
57         double totalcost = mybookscost.CostCal(bookscost);
58         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
59         newDisplay.BooksDisplay(productName, totalcost);
60     }
61     if (productName.Equals("Lolita"))
62     {
63         double bookscost = 5.00;
64         BooksCostCal mybookscost = new BooksCostCal();
65         double totalcost = mybookscost.CostCal(bookscost);
66         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
67         newDisplay.BooksDisplay(productName, totalcost);
68     }
69     if (productName.Equals("Middlemarch"))
70     {
71         double bookscost = 3.50;
72         BooksCostCal mybookscost = new BooksCostCal();
73         double totalcost = mybookscost.CostCal(bookscost);
74         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
75         newDisplay.BooksDisplay(productName, totalcost);
76     }
77     if (productName.Equals("The Adventures of Huckleberry Finn"))
78     {
79         double bookscost = 25.00;
80         BooksCostCal mybookscost = new BooksCostCal();
81         double totalcost = mybookscost.CostCal(bookscost);
82         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
83         newDisplay.BooksDisplay(productName, totalcost);
84     }
85     if (productName.Equals("The Hobbit"))
86     {
87         double bookscost = 5.00;
```

```
128         BooksCostCal mybookscost = new BooksCostCal();
129         double totalcost = mybookscost.CostCal(bookscost);
130         BooksBuyDisplay newDisplay = new BooksBuyDisplay();
131         newDisplay.BooksDisplay(productName, totalcost);
132     }
133
134     }
135
136     }
137
138     else //runs if the productName entered isnt in the array but
139         doesnt throw and error
140     {
141         SloganDisplay displayError = new SloganDisplay(); //slogan
142         displayError.Display(); //display the slogan
143         Console.WriteLine("Please enter an available title\n Press
144             Enter to continue"); //write and wait for user key strike
145         Console.ReadLine();
146         BuyInput(); //run the method again
147     }
148
149     }
150
151     catch (Exception myerror) //error catch
152     {
153         Console.WriteLine(myerror.Message);
154     }
155
156     }
157
158     }
159
160     public class BooksCostCal
161     {
162         public double CostCal(double booksprice)
163         {
164             double mybooksprice = booksprice;
165             double totalcost = (mybooksprice * .06) + mybooksprice;
166             return totalcost;
167         }
168     }
169
170     public class BooksBuyDisplay
171     {
172         public void BooksDisplay(string productName, double totalcost)
173         {
174             string finalProductName = productName;
175             double finalRentcost = totalcost;
176             Console.WriteLine("Thank you for buying " + finalProductName + "\n" +
177                 "The total cost is " + finalRentcost.ToString("C") + " (includes
178                 tax)" + "\n" + "Please press enter to return to the Blocks Books
179                 Menu");
180             Console.ReadLine();
181         }
182     }
183
184     }
```

135 }

136