

Indexer: allow array like index

```
/*
Learning C#
by Jesse Liberty

Publisher: O'Reilly
ISBN: 0596003765
*/
using System;

namespace Indexers
{
// a simplified ListBox control
public class ListBoxTest
{
private string[] strings;
private int ctr = 0;

// initialize the listbox with strings
public ListBoxTest(params string[] initialStrings)
{
// allocate space for the strings
strings = new String[256];

// copy the strings passed in to the constructor
foreach (string s in initialStrings)
{
strings[ctr++] = s;
}
}

// add a single string to the end of the listbox
public void Add(string theString)
{
```

```
strings[ctr] = theString;
ctr++;
}

// allow array-like access
public string this[int index]
{
    get
    {
        if (index < 0 || index >= strings.Length)
        {
            // handle bad index
        }
        return strings[index];
    }
    set
    {
        strings[index] = value;
    }
}

// helper method, given a string find
// first matching record that starts with the target
private int findString(string searchString)
{
    for (int i = 0; i
```