Language Assignment #5: C#

Issued: Tuesday, November 3
Due: Tuesday, November 17

Purpose

This assignment asks you to begin using an object-oriented language named C#, which is part of the Microsoft .NET framework.

Documentation

C# lecture slides are at:

```
1   ~buff/classes/354/pub/slides/slides-csharp.pdf
```

C# is briefly described thoughout our textbook.

Thorough documentation can be found at:

```
1   http://zetcode.com/lang/csharp
2   http://zetcode.com/gui/csharpwinforms
3   http://msdn.microsoft.com/en-us/library/aa288436(v=vs.71).aspx
```

The onyx cluster has a C# compiler and executor, named Mono, the documentation of which can be found at:

```
1   http://www.mono-project.com/docs/about-mono/languages/csharp/
```

and demonstrated by:

```
1   ~buff/classes/354/pub/sum/csharp
```

The onyx cluster also has a C# IDE, named C# Express, accessible via VMWare, described at:

```
1  ~buff/classes/354/pub/doc/csharp.pdf
```

If you want to install C# on a computer running Microsoft Windows, you can download it for free at:

```
1  http://www.microsoft.com/visualstudio/eng#products/
2          visual-studio-2010-express
```

Assignment

Port the Java program at:

```
1  ~buff/classes/354/pub/la5
```

to C#, using one of the toolsets listed above.

Also, describe your porting experience, and compare the languages, in a file named `README`