C# INTERMEDIATE

INDEXERS

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Intermediate\_13\_Indexers

{

    //\*\*\*\*\*\*\*\*\*\*\*\*\*

    //  NOTES

    //\*\*\*\*\*\*\*\*\*\*\*\*\*

    // Indexers are useful when using them in a collection of values.

    // The Syntax for calling an Indexer is similar to the following:

    // variable["indexer"] =

    //\*\*\*\*\*\*\*\*\*\*\*\*\*

    //  HOW

    //\*\*\*\*\*\*\*\*\*\*\*\*\*

    // SYNTAX FOR AN INDEXER

    /\*

        public class HttpCookie

        {

            public string this[string key]

            {

                get { ... }

                set { ... }

            }

        }

     \*/

    class Program

    {

        static void Main(string[] args)

        {

            var cookie = new HttpCookie();

            cookie["name"] = "Mosh";

            cookie["color"] = "Black";

            Console.WriteLine(cookie["color"]);

        }

    }

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Intermediate\_13\_Indexers

{

    public class HttpCookie

    {

        private readonly Dictionary<string, string> \_dictionary;

        public DateTime Expiry { get; set; }

        public HttpCookie()

        {

            \_dictionary = new Dictionary<string, string>();

        }

        // Syntax for setting an Indexer

        public string this[string key]

        {

            get

            {

                return \_dictionary[key];

            }

            set

            {

                \_dictionary[key] = value;

            }

        }

    }

}