

Before we start

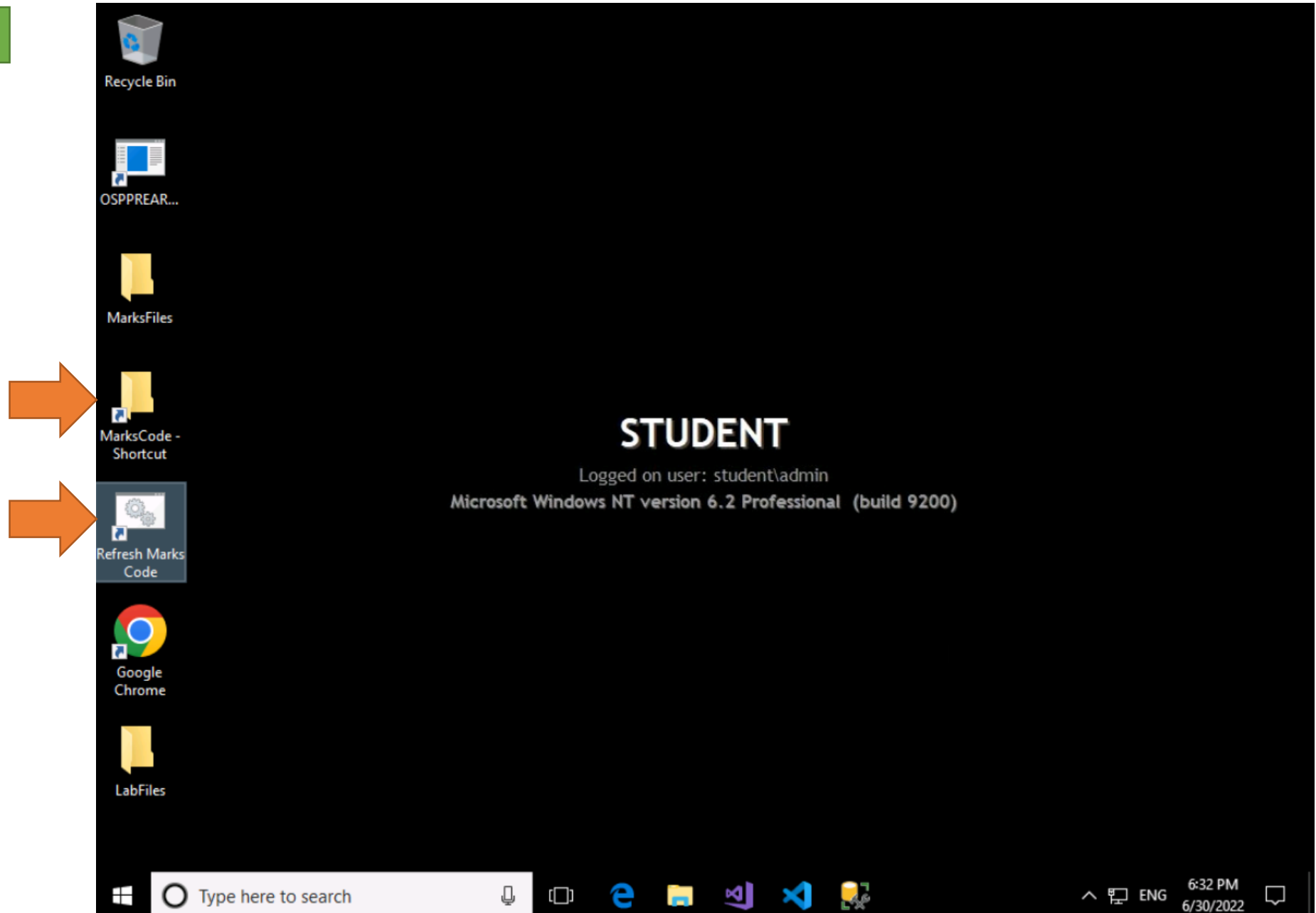
The one link you need to recall

<https://ddls.to/20483>

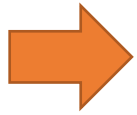
Do this every day BEFORE the class starts (takes about 15 minutes) (<http://ddls.to/everyday>)

1. Launch Lab01.
2. Login to Lab01 as **Admin**.
3. While in the Lab01 environment,
 - i. run **cmd.exe** from the Windows Start button.
 - ii. Run the command **git clone --depth 1 <https://github.com/Mark-AIICT/CAD-2.git> C:\Users\Admin\Desktop\MarksFiles**
 - iii. Navigate to **C:\Users\Admin\Desktop\MarksFiles\setups**, then right-mouse click **bootstrap.cmd** and run as administrator
 - iv. While it's running, Sign in to Visual Studio on the Lab Environment. You can use any Microsoft account.
 - v. When the script end it reboots the Virtual Machine. That's necessary.
 - vi. Save the lab. (the save link is at the top right of the screen in the dropdown menu)

Improvements



Improvements: Octotree extension



Mark-AIIC / CAD-2

main

- > Documents
- > Images
- ▼ MarksCode
 - > DatabaseFiles
 - > Images
 - > Module-01-Introduction/...
 - > Module-02-Creating Meth...
 - > Module-03-Basic CSharp ...
 - .gitignore
 - Contents.html
 - Contents.md
- > Setups
 - .gitattributes
 - .gitignore
 - README.md
 - Refresh.bat

0 contributors

65 lines (59 sloc) | 1.52 KB

```
1 using System;
2 using System.Collections.Generic;
3 using System.Text;
4
5 namespace P29__BitArray_with_indexer
6 {
7     class Program
8     {
9         static void Main(string[] args)
10         {
11             BitArray ba = new BitArray(32);
12             ba[0] = true;
13             ba[1] = false;
14             Console.WriteLine("Press any key to continue"); Console.ReadLine();
15         }
16     }
17
18     public class BitArray
19     {
20
21         private int[] bits;
22         private int length;
23     }
```

Know this

Additional Materials.

File | C:/Users/Admin/Desktop/MarksFiles/MarksCode/Contents.html

Additional Materials for 20483

(Updated:30/06/2022 5:22:00 PM) -- Mark Walsh, AIICT

The examples in this folder **are additional materials provided by Mark Walsh (AIICT).**

Module-01-Introduction [Open Folder](#)

[Demos](#)

Title	Description
00-SimpleForEach	This is a simple example showing how a Foreach loop is better to write than a For loop in certain circumstances
1-StringVsStringBuilder	If you need to make many changes to a string variable then use the StringBuilder class. This application demonstrates the performance difference between a String and StringBuilder.
2-RegularExpression	Using a regular expression to validate the format of an email
3-ForEach	Each loop that loops through an array. Implemented by using the GetFiles function method
4-TryParse	A great way to
5-Configuratio	file to
6-Recursion	en to be used for drawing on a bitmap. Ignise recursive code. While you might be able to understand it.

This example shows a few C# (.net framework) datatypes. It

then paste in file explorer

Course Outline

- Module 1: Review of Visual C# Syntax
- Module 2: Creating Methods, Handling Exceptions, and Monitoring Applications
- Module 3: Developing the Code for a Graphical Application
- Module 4: Creating Classes and Implementing Type-Safe Collections
- Module 5: Creating a Class Hierarchy by Using Inheritance
- Module 6: Reading and Writing Local Data
- Module 7: Accessing a Database