

CSCI 1301 – Lab

April 22, 2019

```
1 using System;
2 class Welcome
3 {
4     static void Main()
5     {
6         Console.WriteLine("Welcome to the lab portion of CSCI 1301!");
7     }
8 }
```

[Back to the class page¹](#)

1 January

Day	#	Links	Content
8	Lab 01	webpage² • printable document³ • editable document⁴	Introduction
10	Lab 02	webpage⁵ • printable document⁶ • editable document⁷	Editing Your First Program
15	Lab 03	webpage⁸ • printable document⁹ • editable document¹⁰	Your First Project and Variables
17	Lab 04	webpage¹¹ • printable document¹² • editable document¹³	Documentation, Numerical Operations and Replacing
17	Lab 05	webpage¹⁴ • printable document¹⁵ • editable document¹⁶	Reading a String from the user, numeric datatypes
24	Lab 06	webpage¹⁷ • printable document¹⁸ • editable document¹⁹	Reading numerical values from the user, Milestone #1, First Problem
29	Lab 07	webpage²⁰ • printable document²¹ • editable document²²	First class manipulation (the Rectangle class)
31	Lab 08	webpage²³ • printable document²⁴ • editable document²⁵	Solution to the Rectangle class, write your PreciseRectangle class

¹../

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Day	#	Links	Content
05	Lab 09	webpage ²⁶ • printable document ²⁷ • editable document ²⁸	Your own <code>Circle</code> class
07	Lab 10	webpage ²⁹ • printable document ³⁰ • editable document ³¹	Solution to <code>Circle</code> , A Room Class
19	Lab 11	webpage ³² • printable document ³³ • editable document ³⁴	Booleans, conditions, a guessing game
21	Lab 12	webpage ³⁵ • printable document ³⁶ • editable document ³⁷	Basic Conditional Statements
26	Lab 13	webpage ³⁸ • printable document ³⁹ • editable document ⁴⁰	Practicing <code>if</code> and <code>switch</code>
28	Lab 14	webpage ⁴¹ • printable document ⁴² • editable document ⁴³	First <code>while</code> statements, user-input validation

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Day	#	Links	Content
05	Lab 15	webpage ⁴⁴ • printable document ⁴⁵ • editable document ⁴⁶	Flavors of while loops and first TryParse
11	Lab 16	webpage ⁴⁷ • printable document ⁴⁸ • editable document ⁴⁹	while and do...while loops
13	Lab 17	webpage ⁵⁰ • printable document ⁵¹ • editable document ⁵²	Hints for Project #2
20	Lab 18	webpage ⁵³ • printable document ⁵⁴ • editable document ⁵⁵	Characters and strings
22	Lab 19	webpage ⁵⁶ • printable document ⁵⁷ • editable document ⁵⁸	The LoanCalculator Class
26	Lab 20	webpage ⁵⁹ • printable document ⁶⁰ • editable document ⁶¹	Solutions for Project #2
28	Lab 21	webpage ⁶² • printable document ⁶³ • editable document ⁶⁴	Solutions to some problems of Exam #2

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Day	#	Links	Content
02	Lab 22	webpage ⁶⁵ • printable document ⁶⁶ • editable document ⁶⁷	Basic array manipulation
05	Lab 23	webpage ⁶⁸ • printable document ⁶⁹ • editable document ⁷⁰	for loops
16	Lab 24	webpage ⁷¹ • printable document ⁷² • editable document ⁷³	Static Methods
18	Lab 25	webpage ⁷⁴ • printable document ⁷⁵ • editable document ⁷⁶	Project #3
22	Lab 26	webpage ⁷⁷ • printable document ⁷⁸ • editable document ⁷⁹	Coming back on for loop, and manipulating two arrays
24	Lab 27	webpage ⁸⁰ • printable document ⁸¹ • editable document ⁸²	Two problems

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The lab uses a custom style⁸³ based on skylighting⁸⁴ to highlight⁸⁵ the code with pandoc⁸⁶.

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⁸³templates/VisualCS.theme

⁸⁴<https://github.com/jgm/skylighting>

⁸⁵<https://pandoc.org/MANUAL.html#syntax-highlighting>

⁸⁶<https://pandoc.org>