

CSCI 1301 – Lab

December 4, 2018

```
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 August

Day	#	Links	Content
16	Lab 01	webpage² • printable document³ • editable document⁴	Introduction
21	Lab 02	webpage⁵ • printable document⁶ • editable document⁷	Editing Your First Program
23	Lab 03	webpage⁸ • printable document⁹ • editable document¹⁰	Your First Project and Variables
28	Lab 04	webpage¹¹ • printable document¹² • editable document¹³	Documentation, Numerical Operations and Replacing
30	Lab 05	webpage¹⁴ • printable document¹⁵ • editable document¹⁶	Reading a String from the user, numeric datatypes

¹../

2 September

Day	#	Links	Content
4	Lab 06	webpage ¹⁷ • printable document ¹⁸ • editable document ¹⁹	Reading numerical values from the user, Milestone #1, First Problem
6	Lab 07	webpage ²⁰ • printable document ²¹ • editable document ²²	First class manipulation (the Rectangle class)
11	Lab 08	webpage ²³ • printable document ²⁴ • editable document ²⁵	Solution to the Rectangle class, write your PreciseRectangle class
13	Lab 09	webpage ²⁶ • printable document ²⁷ • editable document ²⁸	Your own Circle class
18	Lab 10	webpage ²⁹ • printable document ³⁰ • editable document ³¹	A(nother) Room Class
20	Lab 11	webpage ³² • printable document ³³ • editable document ³⁴	Project #2
25	Lab 12	webpage ³⁵ • printable document ³⁶ • editable document ³⁷	Review Session (Room and Grade classes)
27	Lab 13	webpage ³⁸ • printable document ³⁹ • editable document ⁴⁰	DetailedAccount class and Tip Calculator

²01/³01/index.pdf⁴01/index.docx⁵02/⁶02/index.pdf⁷02/index.docx⁸03/⁹03/index.pdf¹⁰03/index.docx¹¹04/¹²04/index.pdf¹³04/index.docx¹⁴05/¹⁵05/index.pdf¹⁶05/index.docx

3 October

Day	#	Links	Content
2	Lab 14	webpage ⁴¹ • printable document ⁴² • editable document ⁴³	Milestone #2
4	Lab 15	webpage ⁴⁴ • printable document ⁴⁵ • editable document ⁴⁶	Exam #1 Debriefing
9	Lab 16	webpage ⁴⁷ • printable document ⁴⁸ • editable document ⁴⁹	Booleans, conditions, a guessing game
16	Lab 17	webpage ⁵⁰ • printable document ⁵¹ • editable document ⁵²	Basic Conditional Statements
18	Lab 18	webpage ⁵³ • printable document ⁵⁴ • editable document ⁵⁵	Reading and comparing <code>char</code>
23	Lab 19	webpage ⁵⁶ • printable document ⁵⁷ • editable document ⁵⁸	<code>loan</code> class, practicing <code>if</code> and <code>switch</code>
25	Lab 20	webpage ⁵⁹ • printable document ⁶⁰ • editable document ⁶¹	User Input Validation
30	Lab 21	webpage ⁶² • printable document ⁶³ • editable document ⁶⁴	<code>while</code> and <code>do...while</code> loops

¹⁷06/
¹⁸06/index.pdf
¹⁹06/index.docx
²⁰07/
²¹07/index.pdf
²²07/index.docx
²³08/
²⁴08/index.pdf
²⁵08/index.docx
²⁶09/
²⁷09/index.pdf
²⁸09/index.docx
²⁹10/
³⁰10/index.pdf
³¹10/index.docx
³²11/
³³11/index.pdf
³⁴11/index.docx
³⁵12/
³⁶12/index.pdf
³⁷12/index.docx
³⁸13/
³⁹13/index.pdf
⁴⁰13/index.docx

4 November

Day	#	Links	Content
1	Lab 22	webpage ⁶⁵ • printable document ⁶⁶ • editable document ⁶⁷	Hints for Project #3
6	No Lab		Review Session
8	No Lab		Exam #2
13	Lab 23	webpage ⁶⁸ • printable document ⁶⁹ • editable document ⁷⁰	for loops
15	Lab 24	webpage ⁷¹ • printable document ⁷² • editable document ⁷³	for loops (bis)
20	Lab 25	webpage ⁷⁴ • printable document ⁷⁵ • editable document ⁷⁶	Arrays
27	Lab 26	webpage ⁷⁷ • printable document ⁷⁸ • editable document ⁷⁹	Array Algorithms
29	Lab 27	webpage ⁸⁰ • printable document ⁸¹ • editable document ⁸²	The “Wireless Service Provider” class

⁴¹14/
⁴²14/index.pdf
⁴³14/index.docx
⁴⁴15/
⁴⁵15/index.pdf
⁴⁶15/index.docx
⁴⁷16/
⁴⁸16/index.pdf
⁴⁹16/index.docx
⁵⁰17/
⁵¹17/index.pdf
⁵²17/index.docx
⁵³18/
⁵⁴18/index.pdf
⁵⁵18/index.docx
⁵⁶19/
⁵⁷19/index.pdf
⁵⁸19/index.docx
⁵⁹20/
⁶⁰20/index.pdf
⁶¹20/index.docx
⁶²21/
⁶³21/index.pdf
⁶⁴21/index.docx

5 December

Day	#	Links	Content
04	Lab 28	webpage⁸³ • printable document⁸⁴ • editable document⁸⁵	A Random Guessing Game

The lab uses a custom style⁸⁶ based on skylighting⁸⁷ to highlight⁸⁸ the code with pandoc⁸⁹.

⁶⁵[22/](#)
⁶⁶[22/index.pdf](#)
⁶⁷[22/index.docx](#)
⁶⁸[23/](#)
⁶⁹[23/index.pdf](#)
⁷⁰[23/index.docx](#)
⁷¹[24/](#)
⁷²[24/index.pdf](#)
⁷³[24/index.docx](#)
⁷⁴[25/](#)
⁷⁵[25/index.pdf](#)
⁷⁶[25/index.docx](#)
⁷⁷[26/](#)
⁷⁸[26/index.pdf](#)
⁷⁹[26/index.docx](#)
⁸⁰[27/](#)
⁸¹[27/index.pdf](#)
⁸²[27/index.docx](#)
⁸³[28/](#)
⁸⁴[28/index.pdf](#)
⁸⁵[28/index.docx](#)
⁸⁶[templates/VisualCS.theme](#)
⁸⁷<https://github.com/jgm/skylighting>
⁸⁸<https://pandoc.org/MANUAL.html#syntax-highlighting>
⁸⁹<https://pandoc.org>