

Lecture Slides

<https://csci-1301.github.io/about#authors>

January 17, 2023 (07:48:04 PM)

Contents

Book Topic	Corresponding Slides
Introduction to Computers and Programming	pptx ¹ , pdf ²
Introduction to the C# Language	pptx ³ , pdf ⁴
Datatype Basics	pptx ⁵ , pdf ⁶
Datatype Details	pptx ⁷ , pdf ⁸
Operators and Conversions	pptx ⁹ , pdf ¹⁰
Arithmetic on Mixed Datatypes	pptx ¹¹ , pdf ¹²
Reading Input, Displaying Output, and Concatenation	pptx ¹³ , pdf ¹⁴
Class and Object Basics	pptx ¹⁵ , pdf ¹⁶
UML Diagrams and Method Call Details	pptx ¹⁷ , pdf ¹⁸
Variable Scope and Reference Type Details	pptx ¹⁹ , pdf ²⁰

¹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/010_general_concepts/Programming-Intro.pptx

²https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/010_general_concepts/Programming-Intro.pdf

³https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/020_first_program/C%23-Intro-WriteLine.pptx

⁴https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/020_first_program/C%23-Intro-WriteLine.pdf

⁵https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030_datatypes_and_variables/Datatypes-Variables.pptx

⁶https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030_datatypes_and_variables/Datatypes-Variables.pdf

⁷https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030_datatypes_and_variables/Datatypes-Variables-Details.pptx

⁸https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030_datatypes_and_variables/Datatypes-Variables-Details.pdf

⁹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040_operators/Operators-Conversions.pptx

¹⁰https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040_operators/Operators-Conversions.pdf

¹¹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040_operators/Arithmetic-Conversions.pptx

¹²https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040_operators/Arithmetic-Conversions.pdf

¹³https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050_reading_and_displaying/Input-Output-Concatenation.pptx

¹⁴https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050_reading_and_displaying/Input-Output-Concatenation.pdf

¹⁵https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Objects-Intro.pptx

¹⁶https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Objects-Intro.pdf

¹⁷https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Method-Details-UML.pptx

¹⁸https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Method-Details-UML.pdf

¹⁹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Scope-Reference-Types.pptx

²⁰https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060_object_oriented_intro/Scope-Reference-Types.pdf

Book Topic	Corresponding Slides
Constructors & ToString	pptx ²¹ , pdf ²²
Overloading & Properties	pptx ²³ , pdf ²⁴
Decisions and Decision Structures	pptx ²⁵ , pdf ²⁶
if, if-else and if-else-if Statements	pptx ²⁷ , pdf ²⁸
Switch Statements and the Conditional Operator	pptx ²⁹ , pdf ³⁰
While loop and Increment Operators	pptx ³¹ , pdf ³²
Do-while and Loop Vocabulary	pptx ³³ , pdf ³⁴
Combining If Statements and Classes	pptx ³⁵ , pdf ³⁶
Combining While Loops and Classes	pptx ³⁷ , pdf ³⁸
Arrays	pptx ³⁹ , pdf ⁴⁰
For loops	pptx ⁴¹ , pdf ⁴²
Foreach, Break, and Continue	pptx ⁴³ , pdf ⁴⁴
The static Keyword	pptx ⁴⁵ , pdf ⁴⁶

- ²¹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070_object_oriented_contd/Constructors-ToString.pptx
- ²²https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070_object_oriented_contd/Constructors-ToString.pdf
- ²³https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070_object_oriented_contd/Overloads-Properties.pptx
- ²⁴https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070_object_oriented_contd/Overloads-Properties.pdf
- ²⁵https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/080_decisions_booleans_and_comparisons/Booleans-Comparisons.pptx
- ²⁶https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/080_decisions_booleans_and_comparisons/Booleans-Comparisons.pdf
- ²⁷https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/090_if/If-Else.pptx
- ²⁸https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/090_if/If-Else.pdf
- ²⁹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100_switch/Switch.pptx
- ³⁰https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100_switch/Switch.pdf
- ³¹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110_while_loops_and_vocabulary/While-Increment.pptx
- ³²https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110_while_loops_and_vocabulary/While-Increment.pdf
- ³³https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110_while_loops_and_vocabulary/Do-While-Vocab.pptx
- ³⁴https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110_while_loops_and_vocabulary/Do-While-Vocab.pdf
- ³⁵https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130_combining_decision_and_classes/If-With-Classes.pptx
- ³⁶https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130_combining_decision_and_classes/If-With-Classes.pdf
- ³⁷https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130_combining_decision_and_classes/While-With-Classes.pptx
- ³⁸https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130_combining_decision_and_classes/While-With-Classes.pdf
- ³⁹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/140_arrays/Arrays.pptx
- ⁴⁰https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/140_arrays/Arrays.pdf
- ⁴¹https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150_for_loops/For-Loops.pptx
- ⁴²https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150_for_loops/For-Loops.pdf
- ⁴³https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160_foreach/Arrays-Foreach.pptx
- ⁴⁴https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160_foreach/Arrays-Foreach.pdf
- ⁴⁵https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170_static_elements/Static.pptx
- ⁴⁶https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170_static_elements/Static.pdf