## **Lecture Slides**

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

October 27, 2021 (03:18:43 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	$pptx^{19}, pdf^{20}$
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	$pptx^{35}, pdf^{36}$
For loops	$pptx^{37}, pdf^{38}$
Arrays and loops	$pptx^{39}, pdf^{40}$
The static Keyword	$pptx^{41}, pdf^{42}$

<sup>&</sup>lt;sup>1</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/010\_general\_concepts/Programming-Intro.pptx

 $<sup>^2</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/010\_general\_concepts/Programming-Intro.pdf$ 

 $<sup>^3</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/020\_first\_program/C\%23-Intro-WriteLine.pptx$ 

 $<sup>{\</sup>rm ^4https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/020\_first\_program/C\%23-Intro-WriteLine.pdf}$ 

 $<sup>^5</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030\_datatypes\_and\_variables/Datatypes-Variables.pptx$ 

 $<sup>^6</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030\_datatypes\_and\_variables/Datatypes-Variables.pdf$ 

 $<sup>^7</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030\_datatypes\_and\_variables/Datatypes-Variables-Details.pptx$ 

 $<sup>{}^{8}\</sup>text{https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/030\_datatypes\_and\_variables/Datatypes-Variables-Details.pdf}$ 

 $<sup>{}^9</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040\_operators/Operators-Conversions.pptx$ 

<sup>&</sup>lt;sup>10</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040\_operators/Operators-Conversions.pdf

 $<sup>^{11}</sup> https://github.com/csci-1301/csci-1301/github.io/raw/main/lectures/040\_operators/Arithmetic-Conversions.ppt x$ 

 $<sup>^{12} \</sup>rm https://github.com/csci-1301/csci-1301/csci-1301.github.io/raw/main/lectures/040\_operators/Arithmetic-Conversions.pdf$ 

```
^{13} https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050\_reading\_and\_displaying/Input-Output-Concatenation.pptx
```

 $<sup>^{14}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050\_reading\_and\_displaying/Input-Output-Concatenation.pdf$ 

 $<sup>^{15}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Objects-Intro.pptx$ 

 $<sup>^{16} \</sup>rm https://github.com/csci-1301/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Objects-Intro.pdf$ 

 $<sup>^{17}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Method-Details-UML.pptx$ 

 $<sup>^{18}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Method-Details-UML.pdf$ 

 $<sup>^{19}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Scope-Reference-Types.pptx$ 

 $<sup>^{20}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Scope-Reference-Types.pdf$ 

<sup>&</sup>lt;sup>21</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070\_object\_oriented\_contd/Constructors-ToString.pptx

<sup>&</sup>lt;sup>22</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070\_object\_oriented\_contd/Constructors-ToString.pdf

<sup>&</sup>lt;sup>23</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070\_object\_oriented\_contd/Overloads-Properties.p ptx

<sup>&</sup>lt;sup>24</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070\_object\_oriented\_contd/Overloads-Properties.p

 $<sup>^{25}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/080\_decisions\_booleans\_and\_comparisons/Booleans\_Comparisons.pptx$ 

<sup>&</sup>lt;sup>26</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/080\_decisions\_booleans\_and\_comparisons/Booleans\_Comparisons.pdf

 $<sup>^{27}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/090\_if/If-Else.pptx$ 

<sup>&</sup>lt;sup>28</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/090\_if/If-Else.pdf

 $<sup>^{29} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100\_switch/Switch.pptx$ 

 $<sup>^{30} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100\_switch/Switch.pdf$ 

<sup>&</sup>lt;sup>31</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110\_while\_loops\_and\_vocabulary/While-Increment.pptx

<sup>&</sup>lt;sup>32</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110\_while\_loops\_and\_vocabulary/While-Increment.pdf

<sup>&</sup>lt;sup>33</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110\_while\_loops\_and\_vocabulary/Do-While-Vocab.pptx

<sup>&</sup>lt;sup>34</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110\_while\_loops\_and\_vocabulary/Do-While-Vocab.pdf

<sup>35</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130\_combining\_decision\_and\_classes/If-With-Classes.pptx

<sup>&</sup>lt;sup>36</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130\_combining\_decision\_and\_classes/If-With-Classes.pdf

<sup>&</sup>lt;sup>37</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150\_for\_loops/For-Loops.pptx

 $<sup>^{38} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150\_for\_loops/For-Loops.pdf$ 

<sup>&</sup>lt;sup>39</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160\_foreach/Arrays-Advanced-Loops.pptx

<sup>&</sup>lt;sup>40</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160 foreach/Arrays-Advanced-Loops.pdf

 $<sup>^{41}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170\_static\_elements/Static.pptx$ 

 $<sup>^{42}</sup> https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170\_static\_elements/Static.pdf$