## Slides

## **Contents**

The slides covers only some of the lecture chapters, and are grouped by topic, as indicated below.

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Introduction to Computers and Programming	pptx <sup>1</sup> , pdf <sup>2</sup>
Introduction to the C# Language	pptx³, pdf⁴
Datatype Basics	pptx <sup>5</sup> , pdf <sup>6</sup>
Datatype Details	pptx <sup>7</sup> , pdf <sup>8</sup>
Operators and Conversions	pptx <sup>9</sup> , pdf <sup>10</sup>
Arithmetic on Mixed Datatypes	pptx <sup>11</sup> , pdf <sup>12</sup>

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

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

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

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

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

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

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

<sup>&</sup>lt;sup>8</sup>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>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.pptx

<sup>&</sup>lt;sup>12</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/040\_operators/A

Topic	Slides
Reading Input, Displaying Output, and Concatenation	pptx <sup>13</sup> , pdf <sup>14</sup>
Class and Object Basics	pptx <sup>15</sup> , pdf <sup>16</sup>
UML Diagrams and Method Call Details	pptx <sup>17</sup> , pdf <sup>18</sup>
Variable Scope and Reference Type	pptx <sup>19</sup> , pdf <sup>20</sup>
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Constructors & ToString	pptx <sup>21</sup> , pdf <sup>22</sup>
Overloading & Properties	$pptx^{23}$ , $pdf^{24}$
Decisions and Decision Structures	pptx <sup>25</sup> , pdf <sup>26</sup>
if, if-else and if-else-if Statements	pptx <sup>27</sup> , pdf <sup>28</sup>
Switch Statements and the Conditional Operator	pptx <sup>29</sup> , pdf <sup>30</sup>

rithmetic-Conversions.pdf

<sup>&</sup>lt;sup>13</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050\_reading\_a nd\_displaying/Input-Output-Concatenation.pptx

<sup>&</sup>lt;sup>14</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/050\_reading\_a nd\_displaying/Input-Output-Concatenation.pdf

<sup>&</sup>lt;sup>15</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Objects-Intro.pptx

<sup>&</sup>lt;sup>16</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Objects-Intro.pdf

<sup>&</sup>lt;sup>17</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Method-Details-UML.pptx

<sup>&</sup>lt;sup>18</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Method-Details-UML.pdf

<sup>&</sup>lt;sup>19</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/060\_object\_oriented\_intro/Scope-Reference-Types.pptx

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

<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.pptx

 $<sup>^{24} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/070_object_oriented_contd/Overloads-Properties.pdf$ 

 $<sup>^{25}\</sup>mbox{https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/080_decisions_booleans_and_comparisons/Booleans-Comparisons.pptx$ 

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

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

<sup>&</sup>lt;sup>28</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/090\_if/lf-Else.pdf <sup>29</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100\_switch/Switch.pptx

<sup>&</sup>lt;sup>30</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/100\_switch/Swit

Topic	Slides
While loop and Increment Operators	pptx <sup>31</sup> , pdf <sup>32</sup>
Do-while and Loop Vocabulary	pptx <sup>33</sup> , pdf <sup>34</sup>
Combining If Statements and Classes	pptx <sup>35</sup> , pdf <sup>36</sup>
Combining While Loops and Classes	pptx <sup>37</sup> , pdf <sup>38</sup>
Arrays	pptx <sup>39</sup> , pdf <sup>40</sup>
For loops	pptx <sup>41</sup> , pdf <sup>42</sup>
Foreach, Break, and Continue	pptx <sup>43</sup> , pdf <sup>44</sup>
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<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>34</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/110\_while\_loops\_and\_vocabulary/Do-While-Vocab.pdf

<sup>&</sup>lt;sup>35</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130\_combining\_decision\_and\_classes/lf-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/lf-With-Classes.pdf

<sup>37</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130\_combining\_decision\_and\_classes/While-With-Classes.pptx

<sup>&</sup>lt;sup>38</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/130\_combining\_decision\_and\_classes/While-With-Classes.pdf

 $<sup>^{39} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/140_arrays/Arrays.pptx$ 

<sup>&</sup>lt;sup>40</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/140\_arrays/Arrays.pdf

<sup>&</sup>lt;sup>41</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150\_for\_loops/For\_Loops.pptx

<sup>&</sup>lt;sup>42</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/150\_for\_loops/F or-Loops.pdf

 $<sup>^{43} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160_foreach/Arr ays-Foreach.pptx$ 

 $<sup>^{44} \</sup>rm https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/160_foreach/Arr ays-Foreach.pdf$ 

<sup>&</sup>lt;sup>45</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170\_static\_elements/Static.pptx

<sup>46</sup>https://github.com/csci-1301/csci-1301.github.io/raw/main/lectures/170\_static\_elements/Static.pdf