

	Fátima Mariana Ramírez Rodríguez		A01633405				
Number	TC1017 Mastery Topic	Done?	URL to blog post				
1	Use of comments	YES	<a href="https://letsscode.wordpress.com/2017/02/04/homework-3-pick-a-number/">https://letsscode.wordpress.com/2017/02/04/homework-3-pick-a-number/</a>				
2	C++ Good Style coding conventions	YES	<a href="https://letsscode.wordpress.com/2017/01/30/homework-2-temperature/">https://letsscode.wordpress.com/2017/01/30/homework-2-temperature/</a>				
3	Basic types and their use	YES	<a href="https://letsscode.wordpress.com/2017/02/13/quiz-week-6-multiple-exercises-in-an-only-quiz/">https://letsscode.wordpress.com/2017/02/13/quiz-week-6-multiple-exercises-in-an-only-quiz/</a>				
4	Basic output (print)	YES	<a href="https://letsscode.wordpress.com/2017/01/21/hello-world/">https://letsscode.wordpress.com/2017/01/21/hello-world/</a>				
5	Basic user input (text based)	YES	<a href="https://letsscode.wordpress.com/2017/01/28/homework-1-fun-with-numbers/">https://letsscode.wordpress.com/2017/01/28/homework-1-fun-with-numbers/</a>				
6	Calling functions	YES	<a href="https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/">https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/</a>				
7	Creating functions	YES	<a href="https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/">https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/</a>				
8	Importing and using libraries	YES	<a href="https://letsscode.wordpress.com/2017/02/04/homework-3-pick-a-number/">https://letsscode.wordpress.com/2017/02/04/homework-3-pick-a-number/</a>				
9	Creating and using your own libraries (program with multiple files)	NO, I d	<a href="https://letsscode.wordpress.com/2017/03/01/homework-8-yo-soy-196/">https://letsscode.wordpress.com/2017/03/01/homework-8-yo-soy-196/</a>				
10	Use of the conditional “if”	YES	<a href="https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/">https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/</a>				
11	Use of “else” with a conditional if	YES	<a href="https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/">https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/</a>				
12	Nesting of conditional statements (ifs inside ifs)	YES	<a href="https://letsscode.wordpress.com/2017/03/01/homework-8-yo-soy-196/">https://letsscode.wordpress.com/2017/03/01/homework-8-yo-soy-196/</a>				
13	Use of loops with “while” and “do while”	YES	<a href="https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/">https://letsscode.wordpress.com/2017/02/19/homework-6-factorial-calculator/</a>				
14	Use of loops with “for”	YES	<a href="https://letsscode.wordpress.com/2017/02/25/homework-7-lists/">https://letsscode.wordpress.com/2017/02/25/homework-7-lists/</a>				
15	Nested loops	YES	<a href="https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/">https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/</a>				
16	Use of recursion for repetitive algorithms	NO					
17	When to use what type of repetition in a program	YES	<a href="https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/">https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/</a>				
18	Creation and use of Arrays/Vectors in C++	YES	<a href="https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/">https://letsscode.wordpress.com/2017/03/23/quiz-week-11-partial-2-review/</a>				
19	Creation and use of strings	YES	<a href="https://letsscode.wordpress.com/2017/04/15/homework-11-go-bananas/">https://letsscode.wordpress.com/2017/04/15/homework-11-go-bananas/</a>				
20	Validated user input (ensure correct/expected data entry)	YES	<a href="https://letsscode.wordpress.com/2017/02/06/homework-4-sum-of-numbers/">https://letsscode.wordpress.com/2017/02/06/homework-4-sum-of-numbers/</a>				
21	Reading and writing of text files	YES	<a href="https://letsscode.wordpress.com/2017/03/05/homework-9-multipart-data-and-files/">https://letsscode.wordpress.com/2017/03/05/homework-9-multipart-data-and-files/</a>				
22	Matrixes and Vectors	YES	<a href="https://letsscode.wordpress.com/2017/02/25/homework-7-lists/">https://letsscode.wordpress.com/2017/02/25/homework-7-lists/</a>				
23	Data analysis with tools (to be determined which tool, most likely SciLab)	NO					
24	Visualization of data with tools	NO					
	<b>Transversal Topics</b>						
1	Ability to create C++ file and run from command line (terminal)	YES	I don't have exactly a blog post that demonstrate that, but I always put an image of my program compiled				
2	Create accounts: Blog, Twitter, GitHub	YES	<a href="https://twitter.com/FattyMarian4">https://twitter.com/FattyMarian4</a>				
3	Submit work via Blog RSS and GitHub	YES	<a href="https://letsscode.wordpress.com/">https://letsscode.wordpress.com/</a>				
4	Demonstrate use of Linux sufficient for quizzes/exams	YES	Well, Ken knows that I can deal with it				
5	Install Linux on their own computer	NO	I don't know if it means to Bash on Ubuntu, or exactly Linux. I installed the first one, but I'm not willing to install the second one.				
6	Ability to create C++ project in IDE and run inside the IDE (advanced topic, not nec	NO	I don't even know what it is.				