Lecture 1: Install Codeblocks + practice on cout instruction

| 1 | Write a program to print "Hello, World!". | Hello, World! |
|---|--|--|
| 2 | Display the numbers 1 through 5 on the same line | 1 2 3 4 5 |
| 3 | Print "C++" on one line and "is fun!" on the next line | C++ is fun! |
| 4 | Print the numbers 10, 20, and 30, separated by a tab space | 10 20 30 |
| 5 | Print a left-aligned triangle made of hashes (#) with 5 rows. | # ## ### #### ##### |
| 6 | Print a right-aligned triangle made of asterisks (*) with 4 rows. | * ** *** *** |
| 7 | Print a reverse right-aligned triangle of asterisks (*) with 4 rows. | *** |
| 8 | Print a pyramid with 4 rows made of asterisks (*). | * *** **** **** |
| 9 | Print an inverted pyramid with 4 rows of asterisks (*). | ******* **** *** ** ** ** ** ** |

| 10 | Print a diamond shape made of asterisks (*) with 5 rows on the top and 4 rows on the bottom. | * *** **** ***** **** **** *** *** * |
|----|--|--|
| 11 | Print a hollow square of asterisks (*) with 5 rows and columns. | ***** * * * * * * * * |