

C++ Programming Lab #1

Valparaiso University CS Department

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Learning Objectives: Understand and use control-flow logic and create and call functions.

Turn-In Instructions: Submit a screenshot of your code's output and copy that into a word document. Below the output, copy and paste your code.

1. Write a while loop that prints an incrementing value on each iteration up until the 10th iteration. Remember: It is generally bad practice to use “break;” to end the loop. Write your loops with the necessary logic for them to end at the appropriate time.
2. Using an “if...then” or switch case, create a control flow with various outcomes based on a user input.

Hint: `cin >> x;`

3. Write a function outside of main that accepts a string argument and prints that string to the console. Call this function from within your control flow at each possible result. Yes, this is an inefficient way of printing, but it is a good example of passing arguments and doing something with them.