# CS 2275 Exercise 1 – Hello World

Module 1 objectives: install DevC++ and successfully run the following C++ “hello world” program, explore alternate cout linefeed options, manually trace through very simple C++ code.

1. Using Dev-C++, create a .cpp source file titled ex1-<your last name>.cpp that contains the following code from Note 1.1. generate an .exe file and insure it runs properly.

// hello world plus cout stuff - <your name> August 2017

#include <iostream> // includes system I/O software

using namespace std; // eliminates the need for std::

int main() {

cout << "hello world" << endl;

cout << "this line does not end with a linefeed or carriage return";

std::cout << " another output line \n";

cout << "and another output line" << static\_cast<char>(10); // what does this do?

cout << "a final line" << endl;

cout << "--";

cout << static\_cast<unsigned int>('\n'); //hint

cout << "--";

return(0);

}

1. Find an argument for the following function foo that will cause it to return 42?

int foo(int x) {

int y = 15;

bool p = true;

while (p) {

y=y+3;

x=x-5;

p = ((x-y)> 4);

}

return x+y;

}

Rubric: 50 points each

Submit your .cpp file using moodle under cs2275 exercise 1a