CS1428 Lab Quiz 2

# Name: Section:

Write your name at the top of this sheet. Answer the following questions on this sheet.

(40 Points) Assume that you have a file named “input.txt” that includes **only** the following line:

50.1 4.2 8.7

Complete the following program so that it will:

* Read in the 3 values from “input.txt”
* Prompt the user for a 4th value, storing it into a **double** variable
* Write the 4 values to “output.txt”

#include <iostream>

// Provide the correct library name for the following include directive:

#include

using namespace std;

int main()

{

return 0;

}

(30 Points) Read the following code. Assume that **var** is an integer. In the space to the right of the code, convert the **switch** statement to the equivalent **if, else if, else** statement.

switch (var)

{

case 1:

cout << ‘z’;

break;

case 2:

cout << ‘y’;

break;

case 3:

cout << ‘x’;

break;

default:

cout << ‘w’;

}

(20 Points) What is displayed by the following block of code?

int x = 0, y = 10, z = 3;

x += 5;

y = y + x \* z;

cout << x << endl << y << endl;

if(z >= x || x == 20)

cout << z;

(10 Points) What is displayed by the following block of code?

int num;

num = 6.0 / 2 \* 5 + (8 – 6);

cout << num;