CIS170 Review

1. What do the following statements accomplish?

ifstream myFile;

myFile.open( "thisFile.txt" , ios::in);

1. Assuming that arr is an array and arrPtr is a pointer to that array, how do you refer to the address of element 4 of the array?

1. When a function does not return a value, it is called a \_\_\_\_\_ function.

1. What is wrong with this call statement?

DispName(string name);

1. In this prototype, what is missing?

void PrintValue(int )

1. How does the environment handle a breakpoint when the debugger is running a program?
2. How many times will this for loop execute?

for (int i = 50; I > 0; --i)

1. Consider the following segment of code.

if(apple == Orange)

cout<<"You got Oranges!"<<endl;

else

cout<<"You got Apples";

cout<<"The end of the program is reached.";

What error can you identify?

1. What is the value of x after the following statement?

float x;

x = 2 \* 5 + (3 + 1)/ 5.0 ;

1. In your own words, define a function and code an example of creating a function and calling it.

1. Create a code segment that defines a class definition for a monster. Include at least two properties and two methods.

12. Using a loop, write a program that reads in and sums the squares of positive integers until a value that is -1 is read in.

1. Explain how a linear search is conducted to find a particular data value in an array. Provide a C++ program segment to illustrate your answer.

1. Provide a C++ code segment that reads data from a text file using a while loop.