Assignment #7

CPSC 121: Computer Science I

Due: Wednesday November 14th, 2018 [Blackboard Upload Only]

Problem 1

Find the Errors:

• int hours[3] = 8, 12, 16; int hours[3] = {8, 12, 16}; //Needs Brackets.

• int numbers[8] = {1, 2, , 4, , 5}; int numbers[8] = {1, 2, 4, 5} //Cannot have empty space in the //middle of an array in that way

• float ratings[]; float ratings[4]; //Cannot have no definition of size if you do not initialize the //contents of the array.

• char greeting[] = {’H’, ’e’, ’l’, ’l’, ’o’};

cout << greeting; //cannot do this to cout the entire array, you need a for loop for that.

for (int I = 0; I < 5; I++)

{

cout << greeting[I];

}

• void showValues(int nums) void showValues(int nums[]) //Need to have brackets //to show nums is an array.

{

for (int count = 0; count < 8; count++)

cout << nums[count];

}

• int array1[4], array2[4] = {3, 6, 9, 12};

array1 = array2; //Need to do this in a for loop.

for (int I = 0; I < 4; I++)

{

array1[I] = array2[I];

}

Problem 2

Consider the following array definition:

int values[5] = { 4, 7, 6, 8, 2 };

What does each of the following statements display?

cout << values[4] << endl; 2

cout << (values[2] + values[3]) << endl; 14

cout << ++values[1] << endl; 8