**UCF-COP 3223-unit3.hw**

**(Introduction to arrays)**

Write a C program that declares an array of 10 integers. Assign any values to the 10 elements of the array.

Your code is supposed to print the following information:

1. Largest value
2. Average value as a float
3. Whether the array has duplicates or not

The following code skeleton

**Once again, work in groups!**

**Your .c file should be something like:**

**//unit3.hw**

**//Group members: John Jones, Jenna Johnson, James Junaid**

**/\* ALL GROUP MEMBERS MUST SUBMIT THE SAME .c file \*/**

**//include directives go here…**

**int main() {**

**int myArray[10] = { 1, 56 , 4 , 0 , -1 , 5 , 4 , 1 , 9 ,78};**

**//Your code goes here…**

**return 0;**

**}**

**Sample Run (With respect to the values shown in the code above):**

1. Largest value = 78
2. Average value as a float = 15.70
3. The array has duplicates.