CS 2401 Spring 2022

**Lab 4: Dynamic Arrays and The Big 3**

**Due: Friday 2/11 at 11:59 PM**

Type your answers on this sheet making sure to list the question numbers.

1. 2 4 6 8 10 12 14  
   2 4 6 5 10 15 14
2. This is not a problem, because it’s exactly what we asked the program to do.
3. We asked the computer to print N1 twice
4. I see the same thing
5. No
6. It isn’t different because the main is still calling N1.display() twice
7. 0x5608f4f1c200

0x5608f4f1c530

0x5608f4f1c860

0x5608f4f1cb90

0x5608f4f1cec0

Total bytes allocated = 4120

1. They are 330 bytes apart in hex, which is 816 bytes in dec
2. 0x55a353b14200

0x55a353b14200

0x55a353b14200

0x55a353b14200

0x55a353b14200

They are all the same address this time

1. Byte\_count is 120 this time
2. The deconstructor accounts for this because it deconstructs the unused arrays as resize is called