**Data Structures Assignment (group work encouraged, not required)**

**Show your answers to the instructor when completed**

1. How much memory does an int take on your system?

How did you find the answer? (paste screen shots)

4

1. How much memory does a char take on your system?

How did you find the answer? (paste screen shots)

1

1. Are variables declared one after the other contiguous in memory?

How did you find your answer? (paste screen shots)

no

1. Do you think array values (item[0], item[1], item[2], etc.) are contiguous in memory?

Why or why not?

Yes, because the code shows that it does



