CS 161 Recitation

Quiz #8

(4pts) If 2 is passed into recPrint() and recPrint2(), trace and give the output for each function in an otherwise complete program:
<pre>void recPrint(int num){ if (num < 0) return; recPrint(num - 1); cout << num; }</pre>
num Prints 1 2
void recPrint2(int num){ if (num < 0) return; recPrint2(num); cout << num;
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(2 pts) Answer the following questions.
• Where is static memory located? Stack (1pt)
• Where is dynamic memory located? Λε αρ (γ+)

(2 pts) Answer the following questions.

- If you want to get to the first value in an array, what index number are you accessing?
- If 'len' is equal to the current size of your array, what is the index of the last value?

(2 pts) Declare an array of 17 chars on the stack:

char my_array[17];