CSC209H Worksheet: malloc Basics

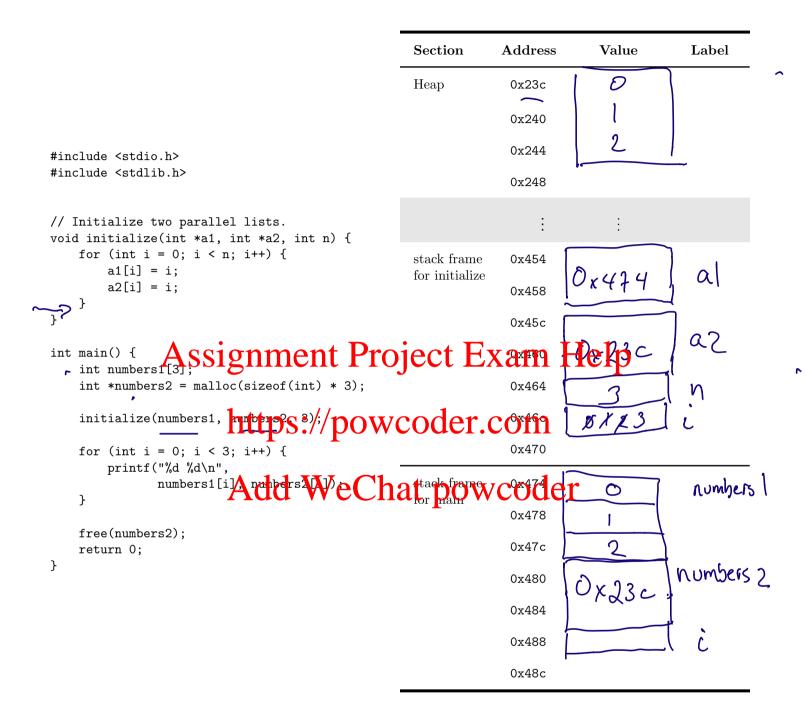
1. Each time a variable is declared or memory is otherwise allocated, it is important to understand how much memory is allocated, where it will be allocated and when it will be de-allocated. Complete the table below. (Note: some of the programs allocate more than one block of memory.)

Space?	Where?	De-allocated when?
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sizeof(int)	stack frame	when program ends
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2. Trace the memory usage for the program below up to the point when initialize is about to return. We have set up both stack frames for you, and the location of the heap.



your = mallocl 4 × sreed (int)

(xarr)[0] = 11

Int main() {

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