Aaron Cote CS104 Homework 1													
Stack Representation													
You allocate chars (13) by													
Stack													
alloc.char(13)													
Buffer													
\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	
2. Store the phrase, "Hello World!" one char at a time Buffer													
'H'	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	
Buffer		_		_						_	_		
'H'	'e'	1	/0	\0	\0	\0	\0	\0	\0	\0	\0	\0	
Buffer													
'H'	'e'	1'	1'	ʻo'		'W'	\0	\0	\0	\0	\0	\0	
Buffer													
'H'	'e'	1	1'	ʻo'		'W'	ʻo'	ʻr'	1'	'd'	'!'	'\n'	
3. We will now free up space from location 6 Stack													
				(c1[6])									
Buffer													

'l'

1'

'e'

'H'

. .

ʻo'

\0

\0

\0

\0

\0

\0

\0

Alfonso Rojas

4. Now we allocate an additional 11 spots Stack

alloc_char(13)	free	alloc_chars(11)	
	_chars(&(c1[6])		

Buffer

'H'	'e'	T	1'	ʻo'	" "	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0	\0
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