

first_memtest.c

→ 10,000



c1[0] ↓ *'\0' still there I just didn't draw them

→ H

↓
H e

↓
H e l

↓
H e l l

↓
H e l l o

↓
H e l l o ' ' c2[0]

* Some process as above for c2

H e l l o ' ' w o r l d ! \n

call

free_chars(c1)

H e l l o ' ' \0 \0 \0 \0 \0 \0 \0 ... \0 \0

* c3 = alloc_chars(10) - one char at a time in stack

H e l l o ' ' m o o n ! ' ' B y e \n

↑
c3[0]