2) Address Space

> main: 0x4005d6
  > var1: 0x60104c

—T—Wow → var2: 0x7ffdfff33e34

— p: 0x140e010
— — s: 0x400714

MAX memory

STACK

jump →
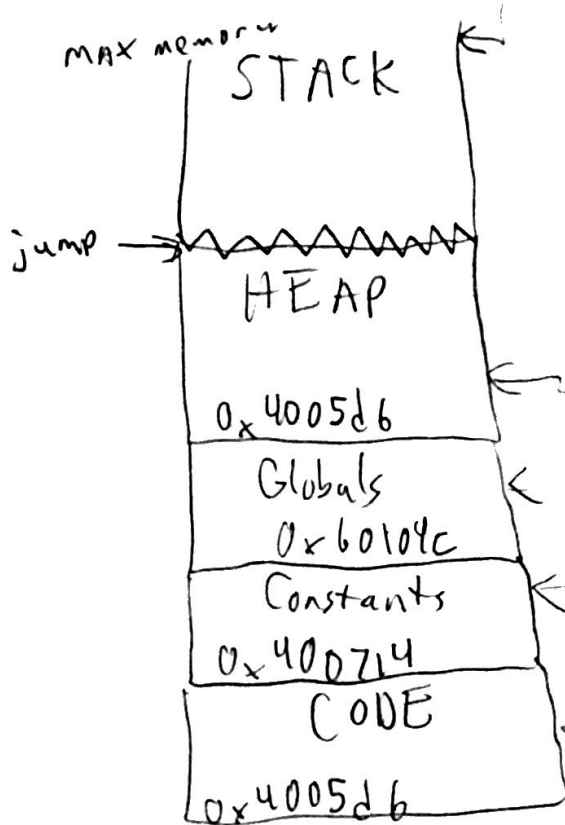
~~~~~~~~~~ (HEAP boundary)

HEAP

0x4005d6

Globals
0x60104c

Constants
0x400714

CODE

0x4005d6

3)

on adding a p?:

$$p = 0x 1a70010$$
$$p_2 = 0x 1a700a0$$

Therefore, the heap grows up.