

HW 5

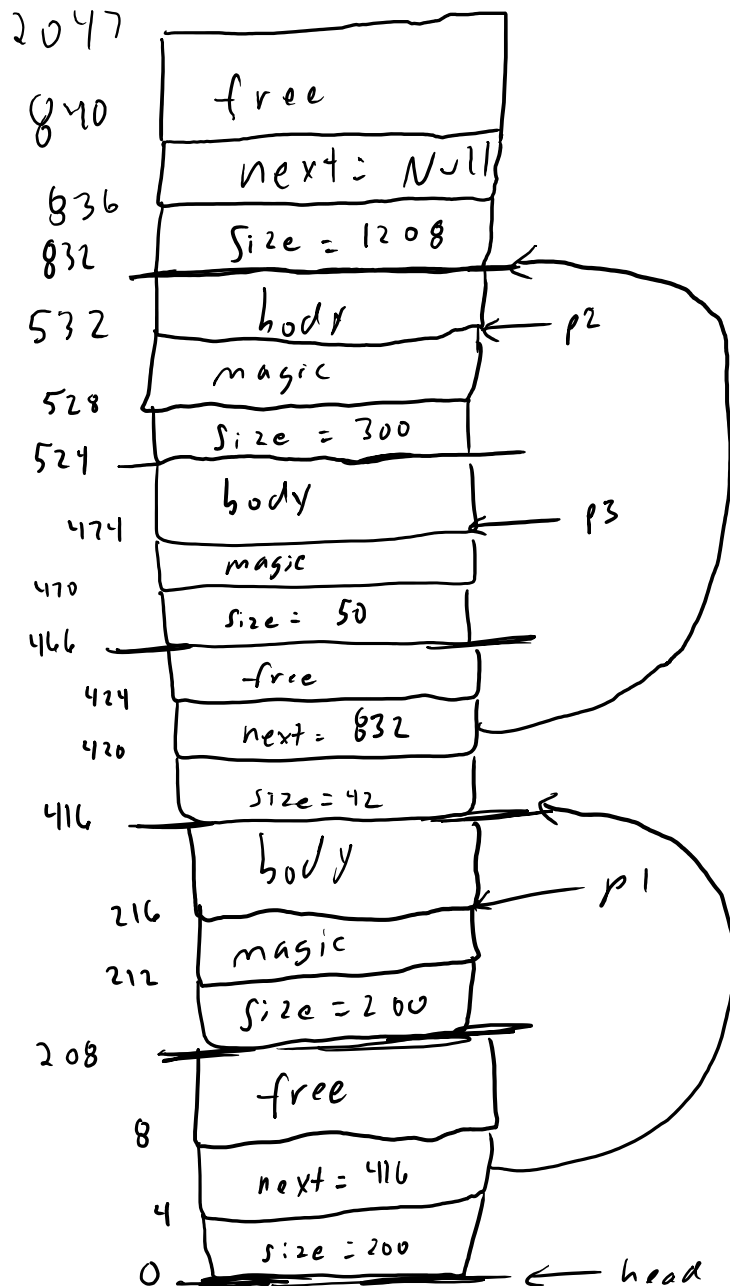
Sunday, February 21, 2016

11:34 AM

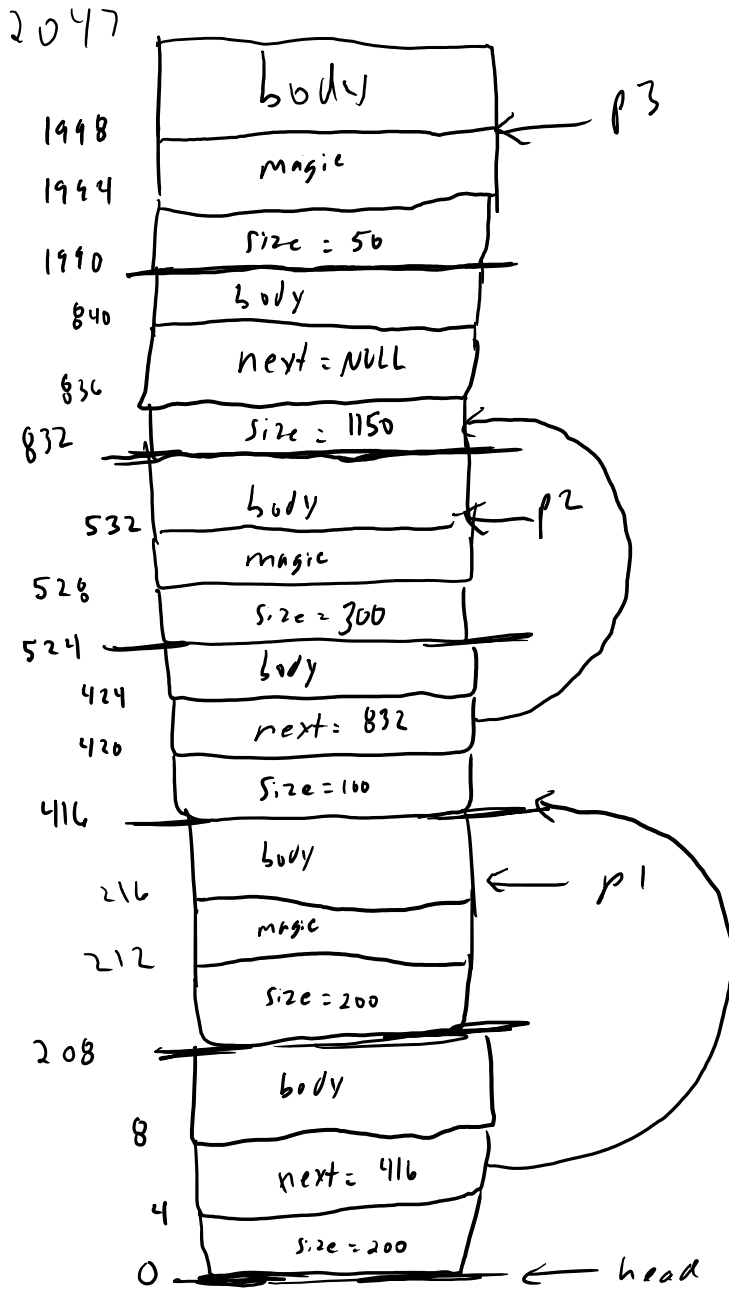
Brian Crafton

Question 1:

Best Fit:

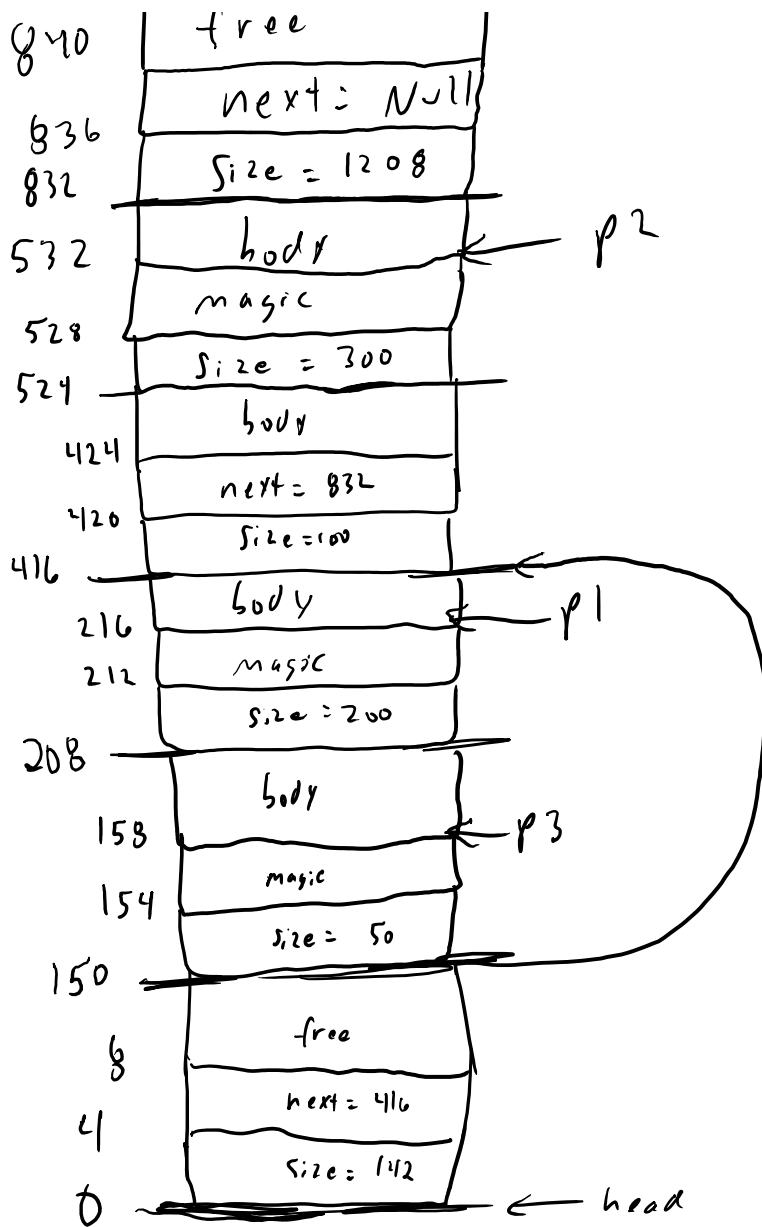


Worst fit

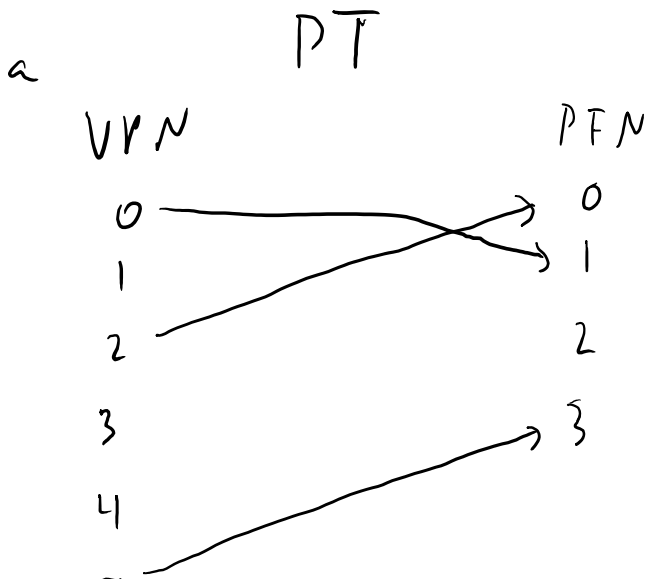


First fit





Question 2:



4

5

6

7

$$b \quad \log(8) = 3$$

$$\log(4) = 2$$

$$\log(256) = 8$$

$$c \quad 418 / 256 = 1 = VPN$$

$$418 \% 256 = 162 = \text{offset}$$

PT (VPN=1) not valid

seg fault.

$$VPN = 0$$

$$\text{offset} = 0$$

$$PT(VPN=0) = 1$$

$$1 \cdot 256 + 0 = 256$$

$$\boxed{PA = 256}$$

$$501 / 256 = 2$$

$$\text{offset} = 69$$

$$PT(VPN = 2) = 0$$

$$0 \cdot 256 + 69 = 69$$

$$\boxed{PA = 69}$$

$$460 / 256 = 1$$

$$460 \% 256 = 204$$

$PT(VPN = 1)$ is not valid

$\boxed{\text{seg-fault.}}$