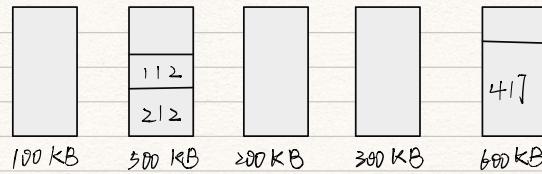


Hw 8

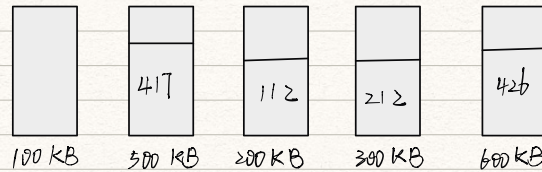
8.3

first-fit

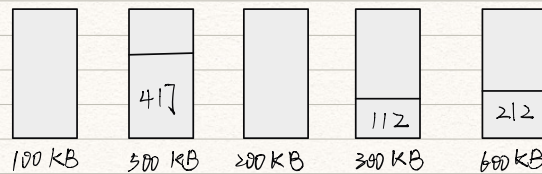


426 KB must wait

best-fit



worst-fit



426 KB must wait

so best-fit algorithm makes the most efficient use of memory.

8.9.a. $200 \times 2 = 400$ (ns)

b. $75\% \times 200 + (1 - 75\%) \times 400 = 250$ (ns)

8.12 a. $420 < 600$, $219 + 430 = 649$

b. $10 < 14$, $2300 + 10 = 2310$

c. $500 > 100$,

d. $400 < 580$, $1327 + 400 = 1727$

e. $112 > 96$,

the physical address is 649

the physical address is 2310

trap, addressing error

the physical address is 1727

trap, addressing error