Best Fit

➡ Minimize fragmentation by allocating space from block that leaves smallest fragment

Data structure
heap is a list of free blocks, each has a header holding block size and a pointer to the next block

Code
search freelist for block closest in size to the request

First Fit

➡ Pick the first block that fits

Data structure
free list, sorted LIFO, FIFO, or by address

Code
scan list, take the first one