

# 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