

Name:

Class work for Lecture on 4/19/17

Assume each block is 4 bytes
Assume that an int is 4 bytes
Assume that memory is aligned on 8 byte boundaries
Assume an implicit list memory allocation scheme and that headers and footers each require one block
Update the diagram as each successive dynamic memory allocation request comes in
Assume that header and footers keep track of memory in units of blocks
Assume that immediate coalescing is used



This means the space is allocated to the program that requested it

