Generalized base/bounds (Segmentation)

PS 3
Segment
Code (0, 100)
Stack (1, 100)
Heap (2, 100)

Calculating physical address:

divide Vaddr into 2 parts
Seg #
offset

Call (420, 0)

memory fragments

[Diagram of memory segmentation with program code, stack, heap, and operating system layers]
How do we know which segment it’s in?

1. Explicit

2. Implicit

Other Aspects to Consider

OS Support