

Advantages of Segmentation

- ▶ Each segment can be
 - ▶ located independently
 - ▶ separately protected
 - ▶ grow independently
- ▶ Segments can be shared between processes

Problems with Segmentation

- ▶ Variable allocation
- ▶ Difficult to find holes in physical memory
- ▶ Must use one of non-trivial placement algorithm
 - ▶ first fit, best fit, worst fit
- ▶ External fragmentation