Mothods of address tranlation leading upto but not including Segmentation. In the beginning: * all addresses were physical. * One program/ process allowed at a time. * "05" might have been statecally lenked or found at specefic address. Needed degression: 90 over ** Static linking ** dynamic linking (DLL) reap (OSTIS Somewhere)

Innovation 1 Static relocation At time of link - decide where prog will be loaded & how much memory to give it. Divide they we were into regions allowing more than one process in RAM Cedepholo heap stack code/glo heap addresses ære still Physical. "OS" is somewhere

Innovation 2 Dynamic relocated
Introduce Buse & bounds registers
Base reg: Add its value to all Virtual addresses.
Bounds reg: How much space does proz take.
code lab bounds
This allow a prox to be sevapped

This allow a prox to be swapped out & swapped in at a new breation.

For first time: OS must keep track of a "Free fist". Free list: A rere example of a "free liench". How/ Wigo