

# Segment Registers

## The Intel Pentium has

- ▶ 6 segment registers, allowing 6 segments to be addressed at any one time by a process
  - ▶ Each segment register has an entry in LDT/GDT
- ▶ 6 8-byte micro program registers to hold descriptors from either LDT or GDT
  - ▶ avoid having to read the descriptor from memory for every memory reference

