21) **memory management**

- memory management system translates virtual addresses into physical addresses

- segment registers length has not been modified, but instead of containing segment

addresses, they now contain **selectors**. (indexes in some system tables which contain

**segment descriptors**)

Modes:

- real mode: 1 MB space for physical addresses; 64 KB segment length;

- protected mode: 16MB space for physical addresses; 64 KB segment length;

- virtual mode: 1GB space for virtual addresses; 64 KB segment length;