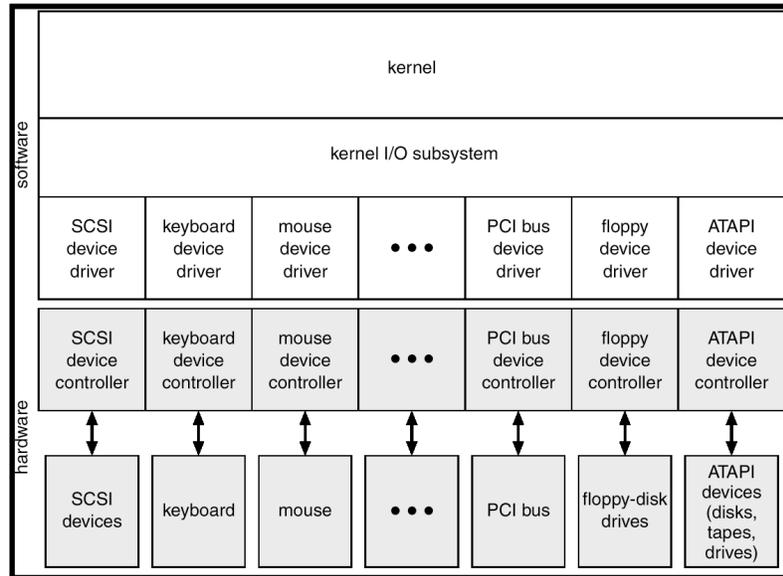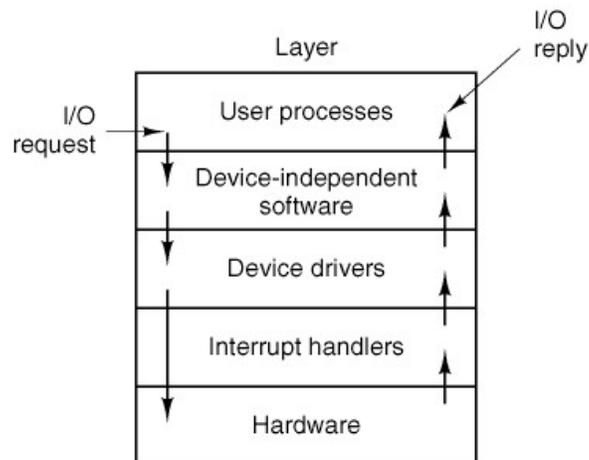# Device Drivers
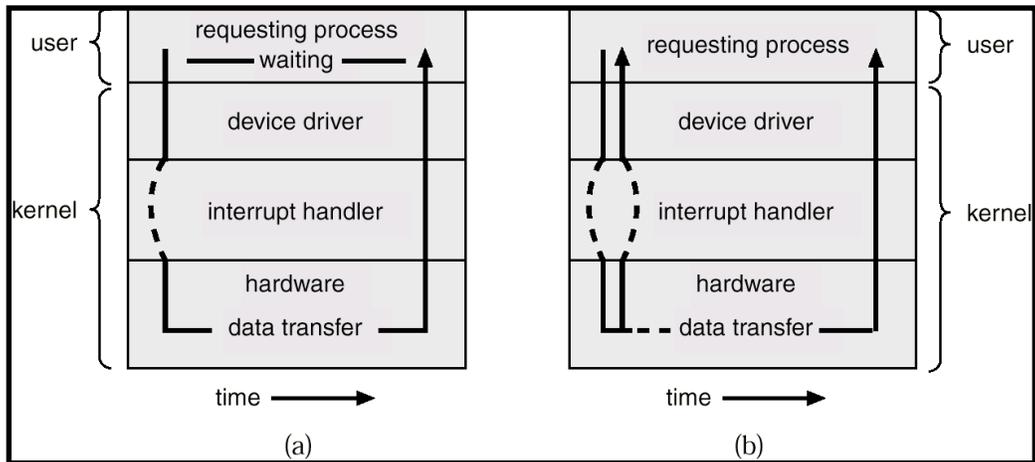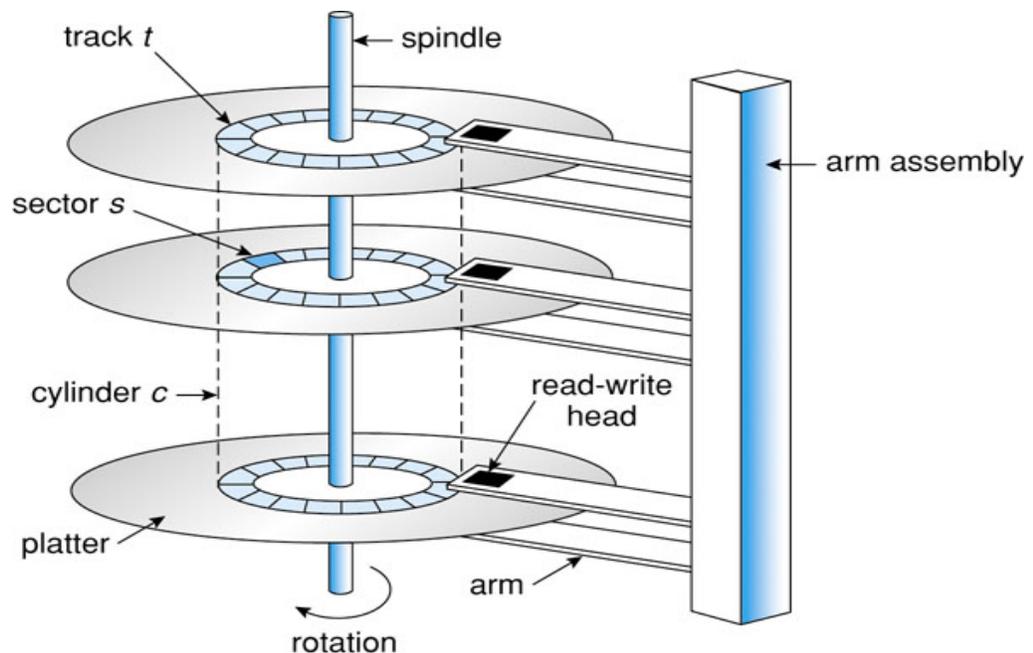
I/O System Layers
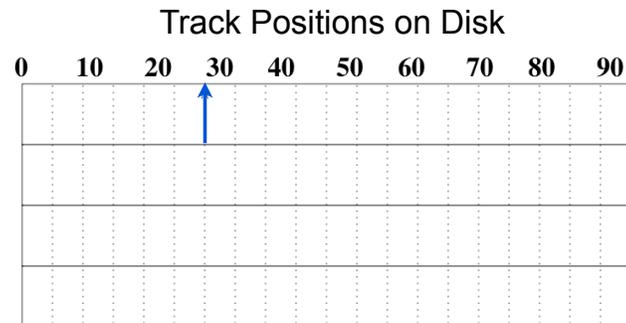
Synchronous & Asynchronous I/O

Magnetic Disk Structure
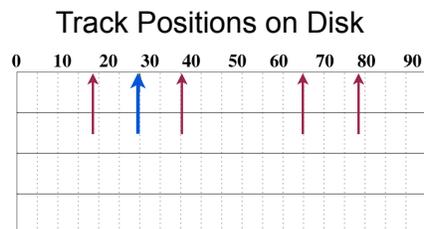
First-Come-First-Serve (FCFS)

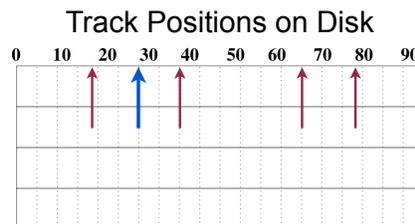**Example requests (start at 30):** 65, 40, 18, 78

Track Positions on Disk

Shortest Seek Time First (SSTF)

Example requests (start at 30): 65, 40, 18, 78

Track Positions on Disk

SCAN / Elevator Scheduling

Example requests (start at 30): 65, 40, 18, 78

Track Positions on Disk

Track Positions on Disk
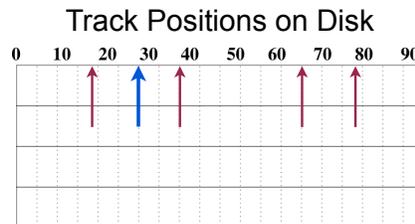
Circular SCAN (C-SCAN)

Example requests (start at 30): 65, 40, 18, 78

Track Positions on Disk