- Interrupt-handlers
- Library, support code
- Resource management
- Low-level software

Operating Systems
Application I/O speeds

- Buffering
- Writing to disk

Buffer

Memory

Write to cache

Write to disk

Write to disk
The speed

buffer -> temp -> function

print accepted

print accepted

spread across fusing
App 2

- App 1 produces lots of output
- App 2 has little output

App 1 -> App 2

App 1 " speeds up time"
Multitasking

Overlaps CPU

I/O of
multiple
apps
Diagram showing a flowchart with nodes labeled 'CPU', 'OS', 'App1', 'App2', 'App3', and 'App4'. Arrows indicate the flow of execution: from the 'OS' to 'App1', then 'App2', 'App3', and finally 'App4'. The text 'Load (address)' and 'Store (address)' are also indicated, suggesting memory management operations.