OS C.3b Interprocess Communication (IPC)

1. **1. Shared Memory**	Establishes a region of memory that is shared by cooperating processes
2. **2. Message Passing (better)**	messages exchanged between cooperating processes
3. **asynchronous**	non-blocking
4. **buffer**	a set of empty boxes. 2 types: - unbounded-buffer: unlimited - bounded-buffer: fixed size (limited)
5. **Communications in Client-Server Systems**	Part 3 IPC using shared memory and message passing in Client-Server Systems
6. **Cooperating processes**	share data, need IPC
7. **fork()**	child process gets a complete copy of the parent memory and I/O state
8. **Independent processes**	does not share data
9. **Interprocess Communication - Message Passing**	Part 2
10. **Queue**	FIFO
11. **Shared memory segment**	resides in the address space of the process creating it
12. **Shared Memory Systems**	Part 1
13. **Stack**	LIFO
14. **synchronous**	blocking
15. **Two Communications Models**	...