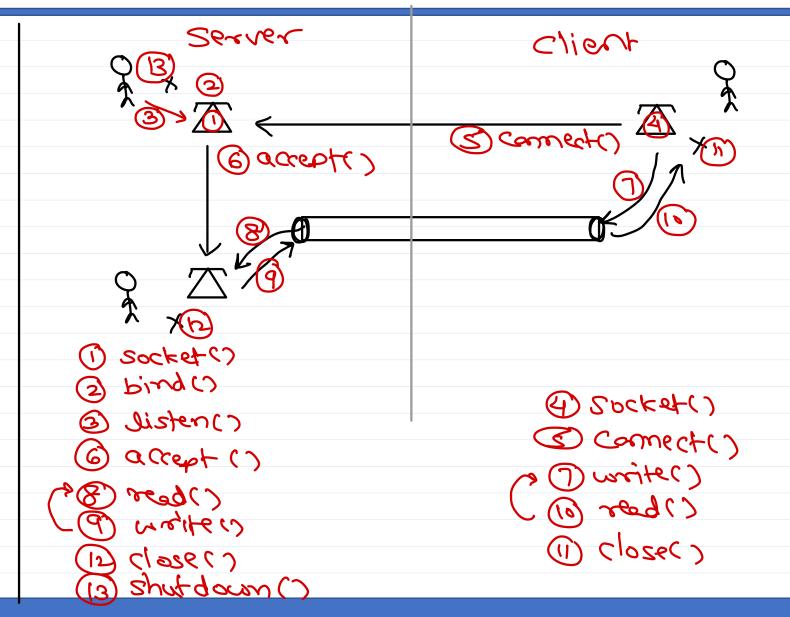


Embedded Operating Systems

Trainer: Nilesh Ghule

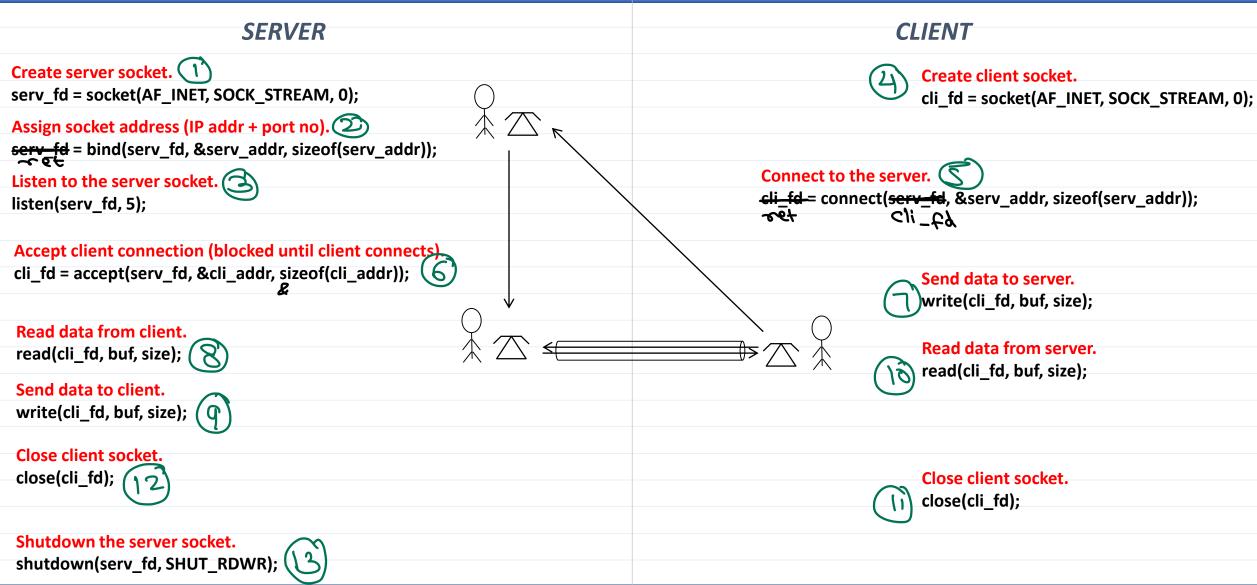


Sockets





UNIX (BSD) Socket Programming





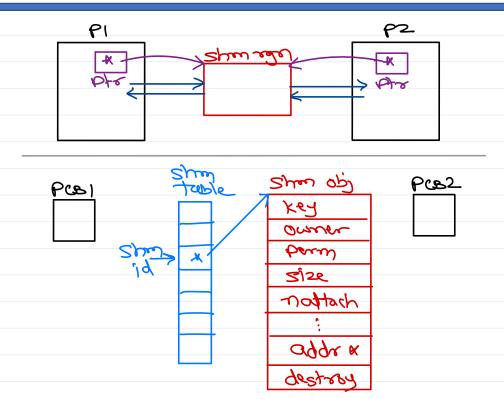
Multiple clients

Sporer Sfd=Socket(-); Bind (sfd, -, -); listen (sfd, 5); while (1) { ofd = accept (sfd, -, -); set = fork(); seen threat: if (ret = =0) } for each cood in Dist:

write (cod, -, -); Else add CPd in Sinked Mist. c/08e(-);

client Cfd = Soctet (-): Correct (CFd, -, -); oles thread 1) reed (cfd-,-); 5 5 cert (-); Close (c)

Shared memory



(3) Should (Pra);

(3) Should (Pra);

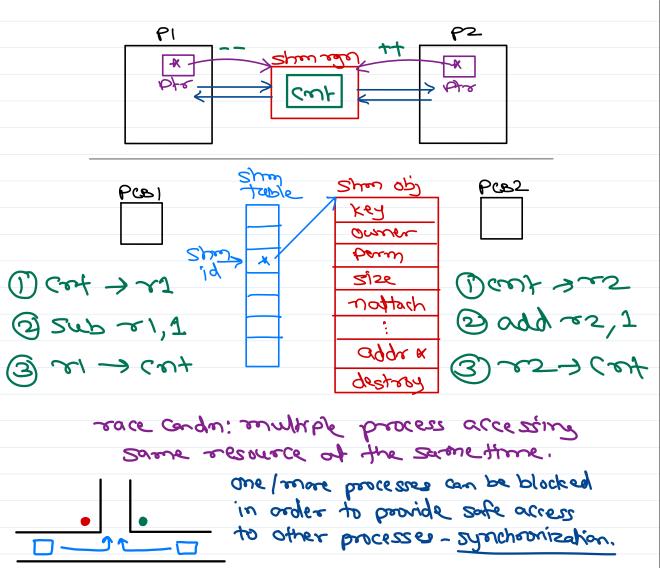
(4) All ach Show egg feets the process.

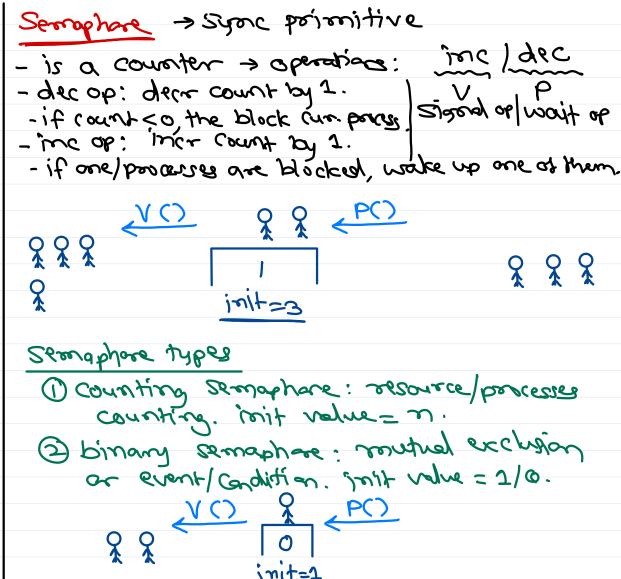
(5) It nottach field in show is marked for destauch field is zero and show is marked for destauching the show agn.

- (1) Showid = shonget (key, size, flows);
 - Occeptes show obj and init it with show values of default values.
 - (b) store its add into shortable & return
- 2 Showeth (Shmid, IPC_RMID, HULL);
 - @ rearks given shon obj for destruction.
 - is deleted.
- 3 struct (straid, ZPC_STAT, &stronid de);
 - @ det jert opport zuen ja ont bonded.
- (2) He= 2 pres of (2 promig ' MARY (0):
 - Decreve je certe AD deg bode tappé éryèges
 - @ increment nattach Red in show ap
 - anged with show odder of poscess to be mapped with show odder of poscess to be



Synchronization — Semaphore









Thank you!

Nilesh Ghule <nilesh@sunbeaminfo.com>

