Temporarily stopping a process. Prohibit the process from using the CPU. we could us ume it later. Complete state of cusponded process is resched ready weent nesched surpend resume superd Either a ready process or a courrent can be suspended using suspend(). * Only the suspended process can be rescioned * A process can suspend etself. somebody resumes a proces it is

put on the weady list. It is not enecuted consoliately why? because this wood roulate scheduling policy. duspend system call & Takes process id as augument. Validation on mous i'd - whethor it is a or above -> should not be above no of processes allowed in system. Process we want to suspend i'm. The must be either -s current pours -> ready state process Kesume system call * Lesume the enecution of pueuiously suspended posours * Make process eligible for processor * Re-establish scheduling enant

* Resume -> doesnot quaranter instantaneous

enecution (why) echeduling is required * Receives pid as augumont

* Checks whether pid(state) == susponded

Yes 20006 record return (insect process dos ready (est) Complerety of consent function?

D(n) Because it has while

loop. ohy? Because there is no loop here. Because of compleron contation of queue tob. We just toock that place in queue and update it. at makes the process cligoble and puts it in ready state. bours dernination * Permanent beronination. Aftual entry needs to be cleared and that ontry becomes arailable for other processes.

* Useful on XINU because XINU aclow limited number of processes.

* Cuten a process is enerality. it

might be vering resources form kernel so before termination it must remove them.

* Done through kill system call to we should never this mult process.

* Takes process i'd as auguronant.

* Suithing: Depends on state of prodessed as auguronant. PR-CURR :- Suicide

PR-FREE (clear contry on process table) PR-SLEEP/PR-RECTIME (Warting for
a times of
mensage
which ever
(pid) occurs first)

Jernaphore

Semaphore **(2)** PR-READY

getitem (pid) (remone prous table) default

PR-F (9)

* Find a free costry in the process table.

* Start populating that ontry with the information about overs process.

Conformation about overse it later.

Conformation about overse process.

Conformation about overse process.

Conformation about overse process.

Conformation about overse process.