

Thread - Light weight process S2 91 P2 P3 SI S 5 5  $\leq$ 4 H 4 4  $\mathcal{Z}$  $\mathcal{D}$  $\mathcal{D}$  $\mathcal{D}$ TCB) TCB2 - Sched info -Execution context PCB/ PCEZ PCT3 PCB/

SEMAPROJE				
- internally it is a counter				
- Dec/wait/poperations: - decrement count - if cut <o, -="" before="" block="" common="" current="" proces="" resource<="" td="" the="" using=""><td>R R</td><td></td><td><del>*</del></td><td>) counting i semaptor</td></o,>	R R		<del>*</del>	) counting i semaptor
- INC/post/V. operation: - increment count - if some one is blacked on that a wakeup it after leaving common resource	nuter			Binary Semaphroe
Mulese (Mulual Exclusion) -binary semaphore - lock / unlock - the process who lock the must become owner of that must - only owner can unlock muster	lex will lex	i'		

