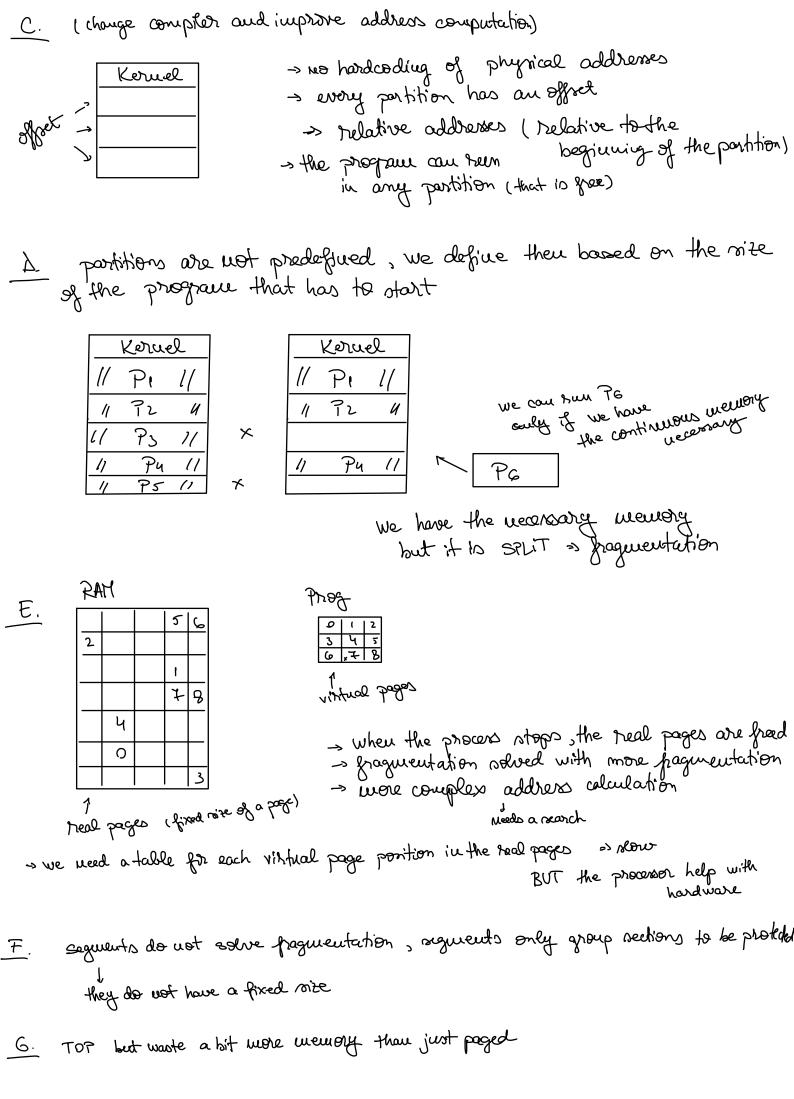
Conditions that make dead lock possible	
1. mutual exclusion	
2. loch 2 wait	
3. non-preemption	
4. circular wait	
ALWAYS LOCK THE RESOURCES INTHE SAME ORDER	
to prevent dead lock	
Memory management	
· real > rougle tasking OS A → multitasking OS	
-> multitasking OS	
·fixed partition * absolute B  * relocatable C	
variable partitions (1)	
· virtual → paged €  → segmented T	
-> paged - segmented 6	
A Single tashing OS Address calculation:	
Kornel  // P1 //  byect fle)  Link	exec.  here the variable
b.c b.o.	when the remoney
the compiler hard codes phyrical wellow addresses in the executable	•
B. Keruel - split into memory portitions -> compile into a partition	



## Loading policies:

- → when should pages be loaded? load all of them at process start (slower start and wasted RAM)
  - . load when needed (even slower start? and slower execution)
  - · load the requested roge and a few meighbouring pages (chances are they will be needed)

## Unloading policies:

## RAM

		0	
-	3		1
		2	