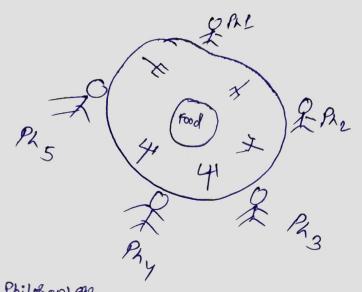
LEC-201 Dung Phy & phoblem.



- achanes Philosophers
- They spand their lye just bang in two states:
 - 10) Therkung b. Eating.
- They sif or a Cia Cular to ble Surrounded by 5 Chairs (Leach), in the centre of toble is a bowl of moodles, and the toble is laid with 5 swale pars.
 - There king State: where of the Thinks, he does it interact with others.
 - Eating State", when oph, Gets hung my, he thinks to pick up the 2/8 Kg adjacent to nim / Left & Right). He can prok only one of a time.
 - one court pick up afaky it is already taker.
 - when Ph, has both Johks at the same time, he eads without refers wy then

So/ -> using sanophal thungsons) O each BOX - Senaphae Ib voysewa) sava fork [6] { f} avifialize, yell, aga ye gak lego to wait call xx The Sklor MC Ph, MCB WOOK AND JAK intial @ waith-> forkzi] => Pr[i] -> ocquire refi=1 Release 1) -> fax ci] -> fax releases. (2+1)7.5 (do E wait 188×26]); Prisso has dead lock wait (88K [(c+1)7.5]); assure some ph. reapre iest coali son atiali Signal (BK [i]); Q- PA 2 wait Kg A Signal [pax[(i+1)7,5]); Ki ggi Proprinte 1/ think Lgf 18x release kall 30000 PAQ KI SIGH 88XL 3 while (1) sol (X) This can be be avoided by Allow atnot 4 ph. Sim. ob Phs xi absence in the Phr apri significating 8x afta extah

- no Pay eating noe h - ab jab thy knowlega to apredovo gar where kg dega. Then he ko apra gight jok mil joega as he bhi executé no jaegi as apre dono JAK aelcose Ka dega. & 80 pm Ph3 Ry AX lekir Amre Pag to bail hare vhi ding a then this sol (X Allow a ph. to pick up his only if soft parts alse ovailable & to do this, he must pick them in a CS] want [[8 x [i]); ther Ear nake wuter I mutex & colease [wait (18x [1iH) 4. 5])/3, & signal pahion code -> cs jetne bli phi i so apre left for to pick take & frem & ever Ph, picks sight gak ther 19 fgak. but no dead 10 ck Pas opui dush BXIC skla h worky bhi 18x1eska hout Cond colon total