Deadlacks - processess threads entires an Storile win proces:
HOLD-> REABTED> RURI -> FINISH state by it wants a resource that is courses: 1. Mutual exclusion 2 Wair or Hold and wait-black a resource while waiting 1. waits to be outsid in system 3. Man-precuption-resources court be stales 4. circular wait 2. leaded in num, walt for CPU 3. Then the process Prement: Pick on order for resources 4. wait for reserves and always words I ach in that order G. when men, is full Ditect: using the groups of pracesses the proc. is would an HOD cycle - deadlock 6. the prace is example from man Threads us Brac. : abouters prehods: Planificare: VI: all prog. pages into RAM from the lug our stack for sucry T 1. First come first secund + execution is last 2. Shortest jali livest - dans starting - occupy dota usuar usad + quicker to viente · we have to know the duration tusil good for hig dients + Un communication 12 load is jage, rest when needed is better (shored muy.) 3. Priorcilias + dan't waste numbry. - slow startup. - slow vecc. hair restourate. + every T execute a 1 motion 4. Deadline soluduling visuant is realist was be-- na security 13: Locality principle - a proc. is likely to used soon the pages went to the page just landed mai ryd. T resulted - if one Thacks, 5. Round Rober · prefetch wigh. pages all T black · es. Time periods Earlie = prac That How to drove pages for SWAP? - all in Ready 1 run has completed used - MRU - page has shits nin but still has an entry Toluici de alaccare: in the prac table (0,0)(0,()(1,0)(1,1), se elimina 1. Mara tasking - on task at a him Use wait to avoid mai intai dosa o, daca un oxista, do 1. on before creating 2. Multi-tardaing - FIFD - aldest page Fixed postitions: Signal (SIGCHLD, SIGLIGH) - LRU - MMM water - URJ at alisabete orghan = still exec + ware prac, but limited wor. sure rage with look I am live - limited dimension of a proc. File types: regular, directory, UHIX DISK hard nort hiles, sa drets - campiles the addr. of each pas. Black 1 - Deput and pregrow FIFO, peciferie corract. / Wook h) relocatable Symbolic Wiles: his toget + no longer lixed RAM men. Black 2 - blocker loss imades - can represed on another dis teeffe no as bevoke no reacestob. a file that down't exist - new coloul for each instr. Black will - blocks for data
Block with Prey adds = affect + past = stoot Hord link . In target - him wo. of prac. Block-maller rise of dot travelend · new inacle for the ili) mico : restition ship inde Segmented + wa longer a judefined us of took if a he rest. + more man than address rise bitelet a wife. + we can run any ur. of proc. only whenther + protest man. access - memory programation are no more + ruesable cade VIRTUAL Paged linker to it. - men. frag. aged the solved solved proc.

- were a page for a very sold proc.

- was difficult coluber for addr. ine still have Paged-Segmented access to the · regunt importite in mai mit data through air (regur, page, affait)
, procesul are a toluda de regur.
lice talula de regur are o tolude pag hand hink (pag, affect)

How to handle molloe? It of tries within - showi AWK: MR - coverent lung 2 hished lists < breeze accepied Pest of blacks of a like ME . wi. of fields 1-10 primely bloami de 80 - when sight live · First - lit + last (list free you) braguentation B1, 82, 83 fields in was but cat 512 huges rical 141A tuing 21: 3- shure 11. indiry toward sunta " Best - 11+ + economisente sande mari (wanatoarde 12 a de blackeri cut -d'L' - 11 (lest pace) - slaver - wall paces a col siz luntes! Processes; ps - of 1 amps 1 point \$1 12 - indirecto ava dulla 1 sout 1 wing -c 1 sout - u.s. of four men =1 frogue 13- indice town Tryla turin w - inil I - in · Worst lit + laner large free (S+ B + B + B).B - c conactiva (biggest your) - damer orap = = " " lision -c wo livier -c pure us loca in lota -c outry part that watcher B- size of black · Buddy - lit + yead A - size of address allocati a church of the smallest pour of 2, greater leverer n- trans Manary hierarchy: is while mile inthan the rug, now breeze - registres list of tree dumber by post Read la FiFO: astapla - cache-tuyarory mun of 5 sw = 8 m + 5 ps + 5 ps + 1 - + 2 m - 1 LI, LZ ILZ poura un mai voista - RAM proces de cibado as organ PIPE: + early to work with - SSDI HOO son pource apar date; c: smaller, doser to the congruent ! Trubure mosterit int hoss: Hitelli: witacres cots date a is. slower, higger 11/w (12011), Brd, rizeaf(1) citit son o daca is tipically, of the lip FIFO paste 1: laborit de arique dans whose should us place plus palper. I praces corasa social se sta cala si ora pravisimi · Direct cache org .: milatifa ("Ailaash", occa) a) nearch and substitute rage K. 1 K/N int fach; 3- Slopal 1 ast = open ("loboast", O_ROINCOMY) - cache callisions win (fash, 8 vol, sizeal(1) (cache Trashing) =1 slow No prac. to read/write: er it inveni sees . i . Set arranusing noit will a prac appears first free pas, we have to hi transliterate Mutex: phread-mutex-t mix: iterate = slow and - E " y lower / Atiou " lis thread - unter-lock (& mtx); · Set associatives er delete priviled - unter - unlack (& work); sed - E " 31 -- 1d" lis · organized in group of : cst t-bornty pages (into our Time) greate this (strand - orate (str), MULL, (me, MULL) · calculated as page and > cache sat Low his interest int s gul tes phread-jair (+23, HUCL); + Plexibility god 5 (6502'01) Mraad with distray outs! + avoid collisions - dassi't use all available cade Semoghane: sem. + manne. sem-init (& vous, o, val); , 1 sure of tion use sum. past (& wound); : 1 man o ; vartado - mas Binary run. : has values on, it wastes like a been it is used ta syne concurrent his cross