ALT FN CTRL

4.5) Proces t 1 CPU

Po 9 730

Po 1 820

Po 5 20

Po 7 7 7 7 80

Po P1 P2 Po P3 P4 P1 P1 19

9a)	Proces	16	L CPU
	Po	0	XXBro
	Pt -	1	8470
	Pr	9	710
	B 1	5	20
	PY	7 /	X o

Reg grave.

(P₂) 2 (10-5) ± 5 ω(P₁) 2 (10-7) 2 (10-12) 2 (10-

aug2 (12+11+9+5+7)/52 δ·δ.

1.a) forker, ptrocad_t + thr = malloc (sine g(pth read_t) + rad); for (2t/20) ((10)2+4) pthread - create (& thr [i] , NULL, bout); Procesul patrinte va da fork si va crea un proces apil. Acesta var rula en mad apravort (cu zone de remonie Separate). Apor Jecare proces us area coste 10 threadur care von executa o putina. Throadurile au ausses la acceasi Jona le memone si tulenta in mod peralel. (task parallelism) 5) Paçã fork () cedeosá si mu se circusta procesul copie, parportede va continua a vostal instructionalor procesul copie, Me mai aven concurentà. 2. pz Januer; 1/2 // proc 1. 2 genuco; //3 (Cp220)) ((9220) 5 1/proc L 1/proc 3 rzfor4();/14 25 John 62, 1/6 1/proc 2 forucy/15 9 (5/20)5 11 proc 3 gory(7)11 else s 5 5 5

S.G. lacked este installant as o, deci rescussa outra est. Colera. Procesale Impurt locked su interpreta an acesta sa fie Order. Here promite Early lacked are alto volcaire forth de o, inserorma ca un process a lat lock si recomparleuta resursa critici, var celebelt a trapta ca primul process si termine si sa dea unbal. De aici retulta exclusionatea mutuala. Deca processele au o notima care garenteira sparat de executive, atunci verulta su progress si temp fourt de asternare (Pi prerò resursa, da lack, executa, da culock si asternare (Pi prerò resursa, da lack, executa, da culock si asternare).

Si intire Cock este o. Deci Sa livem ca Pi asternare primul proces care apoleona compane ond sweaps.

B N M ,< .> /? SHIFT

de curs). Astfel se vese dur volule si' s' accesso forma criticà.

Ant compare and swop (int tudie, int expectal, int ne s' temp a tudie);

of (It deve ze expected) tudie znew ucoe;

return temps.

Astfel lak derve I, lan dun functe se returnent

O. CUEST' Smippet-ul de cool de la pg 210 a catroni

Va fi copelat asfel ; compane and supp (Rlak 10,1);

Lock order o, hai temp est o.

Fundsa varctura temp, and o, dan se dese den while.

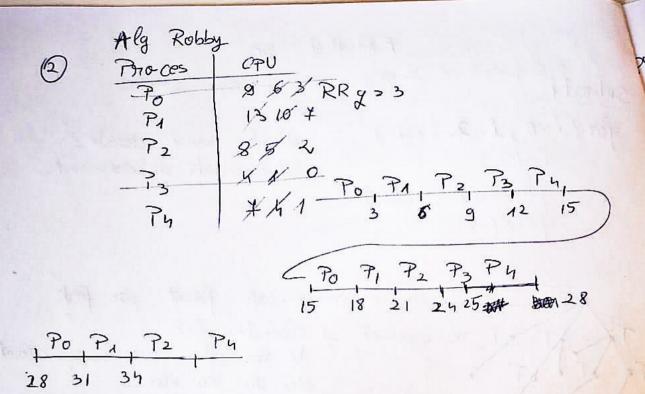
Dupat toma critical lacked so restorate a o, si presa

fi zone oribia.

7

5) \[\frac{\int_0 \frac{7}{\rho_1 \frac{7}{\rho_2 \frac{7}{\r

c) aug 2 (w(R)+ w(R)+w(R) +w(B)+w(B)) +w(B)) \(\frac{1}{2}\) \(\frac{1}\) \(\frac{1}{2}\) \(\frac{1}{2}\) \(\f

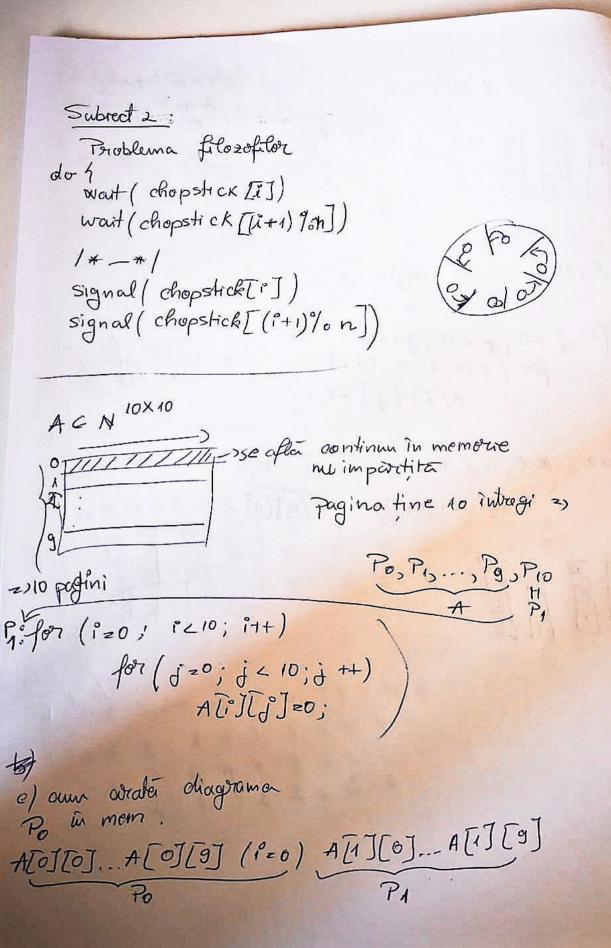


Framewi

Alg. LRU

12345612345 3 45612345 4 4 1 1 1 4 4 5 5 5 2 2 2 5 5 7 2 2 2 5 7 3 3 3 6 6 6 3 3 3 3

12314253644546
11131455544
1134433356



EXAMEN Subrecti: 5,6 probleme - 50p minim 25p 2 one

for (i=0, i=2, i++) -fork() phrecid-ocate() PorK()

a) cale suit orcate? b) Desenuti orbooscenta

La voi. ce prosup. out facut ptr. fork The copiata si thread-wile?

I me este un traspo cool.

fork Phr fork fork 4 fork 2>24 Procese Pork plac de la 1 proces -> 2, procese 2 p -> 4 per, fork

fork() XX

Pidz fork ()(1)=> (1) (3) if(pid! 20) 4 Pro12 for K () (2) if (Pid) fork() (3)

de 1000 pagina A0123456789 100 111-.11 22.2 ... 9...9 1000 10,0,10,0. ..., 10,0 10,1.... for(s=0; j=10; j++)
for (1=0; i=10; i++)
ALIJ [j]=0; 10,0,10,1,10,2, 10,3....10,9 AZOJIOJ, AZIJIOJ, AZIJIOJ 10 0 10 2 3