PARCAL 16/05/2002

```
Dodo el sig. frognesto de código.
      vad f-child (int)
      vad f-aloma (int);
       Intsolr = 0;
    Int main lint arge, char * argu []}
        Pid-t pid;
         Pld = fork ();
          If ( pid = = 0) 9.
               signal ( SIGALRM, t-alorma);
               210rm(2);
              Printf("Hantunsolln");
                while (!salir)i
              relse of
                  signal (SigeHLD, f-child);
                 while (!salir);
           return Oi
    void f-chib (ints) of printf ("f-child": wait(0); salir=1)
    vad f-dorm (ints) of printf ("f-dorma (7: |n"); soli-=1; }.
(A) Die meetro por pontallo?
       HOLA MUNDO!
        f. alarma ():
        f-child ():
```

(3) Il proceso genes procesos tambies?
No parte el padre hace wait (a) y reege la inta del hijo

(c) el proceso geres hijos hiertonos? of fere losard signified of process podrenunes termins onter one erhipo, oxíque no seus hiertomos (a) signiforms oform (2) of hijo greats enus hop infinito your nunosse combia la var. solir. (1) si gutomos solir=1 de f-child el podre quedo en un boso intimito (4) Esurur un proceso que cree shibis cluen que se provone CTRL-C. Por teclado TARGED DELOS HITOS INCREMENTAS WAYAR GLOBAL MOSTAT EN valor of final void signit (void); vad (wad); svar GloBAL = 0; Int main (wad) 4. 1000 Company Company pthreadth1; for (= 0 i c 5; itt)). SIGNAL (SIG-INT, SIGINT); Printf ("Presceioner contrac-pl
while (1) of. Printf ("Presceioner contrac-pl
crear hib"); Paue() 1 retur 0; b (bay) lovel bay vorglobal ++; Prints ("el voor de bronduler er: 1d /n", vorglobal); void signit (void) Pthroad - croate = (kh1, NUL, (void*) Hilos, NUL);

PARCIAL 2022 (recu) A C D (AOB) C D (AOB) CD.

HILL

PA	PB		PD	SA-SB-SC-SD-SAB
w(sA)	WIAB)	Wsc)	W(SD)	
sc	SC	sc	SC	John T. Complet
s(sc)	s (sc)	5(50)	(SA8)	Liter Shire country
W(SAB)				(" a\ (1") Houry
se			(2)7	extra x310411 - Regulary
5(sc)				

Comosan sematoros binarios utiliza mutex

void HIDA (void); void HIDB (void); void HIDC (void); void HIDC (void);

pthread_mutex_t sa = pthread_inicializer
pthread_mutex_t sc = pthread_inicializer
pthread_mutex_t sd = pthread_inicializer
pthread_mutex_t sab = pthread_inicializer
pthread_mutex_t sab = pthread_inicializer

intman () d.

Pthread kha; Pthread kha; Pthread kha; pthread khu;

Pthread-mutex. bock (150); Pthread-mutex. bock (150); Pthread-mutex-bock (150);

Pthroad-create (th), NUL, (void*) HIDA, NUL);
pthroad-create (thz, NUL, (void*) HIDB NUL);
pthroad-create (th), NUL, (void*) HIDE, NUL);
pthroad-create (thu, NUL, (void*) HIDE, NUL);

```
Pthread-join (h1, NULL); returo;
vad Hiba (mid) 9.
     Pthread - mutex - bock (sa);
        Printf ("A /n");
     Pthread - mutex - unlock (se);
     pthicad -mutex- lock (sab);
       printf ("A/n");
     pthroad - mutex - unbock (sc) i
Void Hilo B(void) of.
      Pthread-mutex bck (506);
         Prints ("B/n");
   2 Pthread - muter- unback (se);
   Phisol mites & specimesty
  board be a Losyn board g
 vad Hbc (wid) 4.
       pthread_mutex_back (sc);
         printf ("c/n");
      2 pthroad-mutex_unbck(sd);
 b(pion) own pion
         Pthread-mutex_bock (sd);
         printf ("D/n");
Pthread_nutex_unock(sab);
```