Braininglerembre napablelbrisix upoyeccob. Mountalouri goonyn obecneubalnica ulmoganu bzannouchnouenna. Cenagoopsi: P(S), V(S) - Cucm. bersebei; Tharing appo OC noncem zarionipolame/raz-Enomypolame moyecc; Cenamureenn natop censagograb omplgliseemas kar naccub, noms это нассив не в пойнан синсие слова; Brade ra cerrapoper rago Sygem cozgabams paroper uz 3 cerrapopes; Thornella C Cellagoopdelll; OM Re compenyengenueu ceniagospa (munumuban Evorupobru u npunumuban cebesonegeния), это может привести процессы в тупиновую ситулyuro and k reprobulbuou noar-mu genemberiti; => KOKISENIGUA MEHIMOPED (pewende nposieu nymėn cmy) Monumoper-cregando Lacel Chicano to ypobus, len m. k. upunumubu segra; sun no ypobiebbil creganda b pacrophomenun y proyeccob lock u unlock-zaxbam u ochosonogenue;

lock() - unlock() wait() — post()
wait() — signal() Chn. Monumon- Mexapluzu, ynuquusunyrousuus Brannogenembul // moesecob; Mountop of mondoman whose aware M. S. pearuzoban & OC um Kan manpagnegembo & ATE; Symmens: concurrent Pascal Mouming - made moregype ugarner, ogsa-C nousesto moregy requirement of zaugeyaem cheu garittel); Thousece, nanogrusuica b monumope - moisece, buzbabuna mousegypy nonumona; Menuny raphunyen, uno b kanceptu malem byemen b ried kanceptura malono ogun mosseci; Остамьные процессы, заинтересованные в обращении к монитору, ставится вонеру; har madello, monumen anepupyen nep-usull muna ycrobile (condition) c nombely so gbys go-yem: wait () u signa/(); cucm. Buzobu wait () Enekupyem proyecc, a signal ()

Monumys: 1 Troonette - Decnerabalm borgeneure on, pecypica mousbalbuary rucing mayeccos FLSOUFCE: mon; tor // no cymu mousecc zachanisheem Mocurran gir Oc o mon umo

sur an gir Oc o mon umo

sur an emon coney me - note

sugum bom com. devembra

x: (on fitional): // hep-kar muna commune; brucuneme

procedure acquire; (cond; tional) aroun governt,

begin

if her in the interventional if busy then wait(n);
busy:=true
enf; Procedure release; begin
busy:=false;
signal(ie);
end; begin
busy:=false;
ent. /3 gecs nonazan can nummon (ero rog) //3 gecs ne nonazano bzannogeticubue || moyeccob; Konga k monumique objustemen mensece que zaxbema pecypea borseba eman en que que acqui re. Ecun busy=true, mo no nen-mon x muna yourselle bunuluxenca aum bizob with.

Brez-me znarekul round. Nep-nair HE WELLAMON ; Ecru 6459 = Fa/se, no uporsecc noryulm goomin k pecypcy u progomaemen des zagepnier; znallende busy cmansbennan trad; moncregum zaxbam pegypca; East upoisect zollen acbotogemes pergre, or buzelbalm release, zgl busy concinobenna раголицијет друга процесс, конедњи колодитая в очереди Knep-uou nuva cobbinue (inu k mollimgry); and kanegale ougenbrow yullitel, no consequen moisece u.S. nepelolgén b com-e Elonipolina (oncuganua), raznavalence close nep-rail muna y cuolul (no cymu mo obsznarenie combemembypiseu ocepega); wait u signa/ noxoncuna P u V - mo cucu. boydon; Canageogus beerga cyngermbyromb uosou C; BUNIX U Winfows combu comagagner, u Mormerce (mutex); Ommune censagoopob om Mormencob; ... a rge... novemy-mo creg. menna Ubromerce (mutex); 2) Moumon: nonverseben Syspen, pemalm zagaly mouzbegemba u nompeácema; konsigbor - zazumubalmen na novano, m.l. on kan du Secremennoù;

ANA zagou monsbogemba a nonnecre-1) mourecost- moursbogumente, homepour un-Upp maroko manskafumo egunuyu gannek (in byggen) 2) hpoylecon - nompesimelle, nomptie moissin moissin amanité garriel us syopeja; re source: monitor; var: bufferempty, bufferfull: condition; bcircle: array[0.n-1] of <type> pos: O. n; // meryey. nozugus j: 0-- n-1;//zanounsemca K: O. N-1; //ocbooncgaeman procedure producer (data: = type =)
begin [fpos = n then wait(bufferempty); b circle [i] := data; pos: = pos+1; j':= (j+1) mod n; signa/(buffer full); ent; procefure consumer (Var data; ¿typez) if pos = o then then wait (buffer full):
data := 6 circle [x]; pos := pos -1;  $K := (K+1) \mod n$ signal(bufferempty);

begin

pos:=0;

j:=0; enf,  $\chi'_i=o^*_j$ Autopumu coondencombyem pencenno Deuxempor C 3 cerrospopann; Apyrou proyecc curranizupyem os ocho-Soncgeniu / zanomuu suetini => pozsionu-pyemcon gryrou moisecc; Omnousehul monzboqueleu u nomperimeneu -- many to many (brase nago 3+ nancgono): 3) Moumon; rumamence - nucamence. Econs zagana unamenen - nonnescensión; Gregnororalm ranny 2 munes moyeccob: Moyecch - nucamenu monym uznemens gaundle, normany our gomenn paromanns в репсиие монопачной доступа к разделяемых galleur; upu mou, leill nucement uzueknem gannel, no k une nomenogrammenscam grysou urcamello, un gryron umaniens; 2) morsecon - um ramenu norym monsono Remand garance; nou mou one nough

rumant napabilithe, our grys gryst re ulluatour; Rymula zagodu, Munameni-nicameneli ": Cucmense naccobort npoganci dinemos (na camaiem) на опр. рейс, число и врешя, где ин резервируем места; Спачала им выт. рань читителя, а потам, когда выбучаем места и резервируем его, переходим в репсим писетеля; Зарезервированное место помечается как условнозатемые; resource: mon: tor; // kog no Deumery Korga pa comsem rr: integer; // umamau nucament, bear bo WH: logical; // nueamens tel donupyeman, goncatuca unequa c\_read, c\_write: condition; Procedure startheat oughests ADA)
begin (op-yulius ADA) ocyusembusiemia K hongremmeny if wrt or turn (c-write) noite (hep-now) then wait (C-reaf); inc u fec BL:nux regenence nr:=nr+1; signa/(c-read); a mo orelle comaphiti kod ... ent; procedure stopreat umo a gereno... Nr := Nr - 1;if nr = othen signal(c-write); ent;

procedure start write if nr >0 or wrt then wait (c\_write);
wrt:=true; begin procefure stop write; wrt:-false; if turn(c-read) then signal(c-reaf) else signal(c-write); ent; begin ur:=0; wrt;=fa/se; 1/ это только код Самого Монитера; (\*) Startflad; eau econs annubusia meamens um I ocepega econt neggazal nucamena, mo umanelle ENOKUPYEMAR HA NEP-KOTT MUMAYCUBBUL C\_reaf (gcubbue umenin ). Eau kem akmubrow nucamena u kem nogyusux uncanever bouepegu, no non-be annubusen uiimamenett ybennyubalmar u nocomalmar curran "youdul umenua" ("uonono umanu"). Horga annibusupyonce gryne sumanem в очереди negyuju yumamenett. Cosenhorms gannolo mosumiora: cozgaiemas yennase peanyus sumameneu, m.e. Kancqui hobuu annubusu sumamens Inposignegaem aregyiorgus sumameneu b overegu;

Lorga rumament zalepuralem runence, bozoibar 5 topreas, non- bo annubusic numamente y ulablualinea 4d 1. Korga mio Koul- lo comandamica palutina ry 100 (bel uporumanu), bossoibalmes go-zux s; g na/ (,, uoneno nucamo), B garnou reallizazione nnegnona rolmed, uno umanelle, zaimmepecobanie bunenui, датски пличить такую возмонскость, т.е. émenne ne, opposemen , xoiga northinemen "nellasoujui micamello (ok negem, noka ke ocmakemen ammbron gumamenen, m. e. noka bee ke goumatom; start Write: Bousbab eë, nucamens mobennem, econs м активные читатеми и активный писатель. Eau ecmb, no nucament repersogum le cocm-e oncuganna. lan rem numoro, mo nucamient zaxbanusbalin somuecкую пер-кую, обозначая вход в крипическую cenyuro; stopur; te: conocubaeman nep-uan ammeluno noconiaence cuman, noncro rumanti, mare noconiaence cuman, noncro rumanti, mare Danne youden megombjanjarem Echenence ; Euzl'ogno pemenne que odenenemen menonannow goonigna k knumereckuu pecypeau: ka Ochobe orenegu, komopar caua no cese moneem osec-nerume mononomismu goenyn k knum pecypcy.

Mo pelletue apegnoreur launopm:
"Anopumu Egnornaa" (bakery algorithm).
Dewetue Sozyyemca na cucmene, bzum pango".
(take a number)