Concurrente	Práctica L	1 - PMA	HOJA: 1
1)	1	(m) (c)	Harass 2 Top ()
a) chan atención (in	ot)		
Process Cliente [id	: 1. N	(1.64	1 Had I will
1 Send atenu:	m(id);	Charles (Sex 1)	MANA GARA
prouss Empleado			
int id Cliente;		1 [ 1.08:16]	anipalli ning
While (true)			( ) ( ) ( ) ( )
{ recione at	ención (il Cliente);	Child was	Carrie Mark
}			
6) chan oversion		11 1 ( 1 - 1	/ /01/
176 y many charter	[id:1N]	129 (136)	
lend attra	Ion (id);		
mores, Emplead intillient	9 [id:0.1]		Hel Jan Toll
'} int il Client	2)	(76) 4	lage me at f
While (true)			37 (and ) 711
recei	e alencion (id ale er alente (id ale	liente): 100	
) areno	or cugar c (10 cas	Me j	M. Jack Street
NOTA }			

c) chan atencion (int); whom pedido (int);	MP 4 WILLIAM HANDINGO 4 - PM
whom pedido(int);	
Chan signiente [2] (	int)
No. Chalakii	· N
process Cliente Tid: 1.	., N
100 100 000 000	
gend atención (id	
)	
MANGER Enclosed de l'A.	
process Empleadofid:	0
( INT IOC;	
Julia (Ima)	
while (true)	
( Send 120100 (1	id). viente[id] (idc);
retieve sign	iente [10] (100);
iF(10/2 1)	1) 10 lov [1:0 10[:1c].]
1 (10 < 7 -1	) f alender Cliente (idc);)
else } d	da casa ) // valles Lucas adam visa
7 6 1	day (15min); // realiza tareas admin. x 25m
))	
n en Cordin do	
Process Cordinador	
fint idc, ide;	
while (me)	
( recieve peditos (1	0t);
recieve pedido (i  if ( empty ( atena o	(n) $(idl=-1;)$
1.	
1 revers	atenvian (idC);
Send signient	te idt (idc);
DTA }	

-

Concurrente Práctica 4 - PMA 2) chan pedido[s] (text, int); chan comprobante [P] (tat); chain buicarcaja (int); usumos pura evitar Busy Waiting. chan obtener (agarr) (int); chan liberar Coja (int); chan hay Pedido (bool); Process Coza [id:o..4] int idAux; While (true) revere pedido [id] (pago, idAux); (compte = general comprobante (page); send comprobable [id fux) (comp); process Quente [id: o. P-1] fint id (o)a) text page, comp; send buscurlaga (id); send has pedido (true). revere obtenercoja [id] (id caja); send pedido [id Cozo) (pago, id); recieve comprobante [id) (comp); send liberar cora (id cora); NOTA Send hay pedid (true);

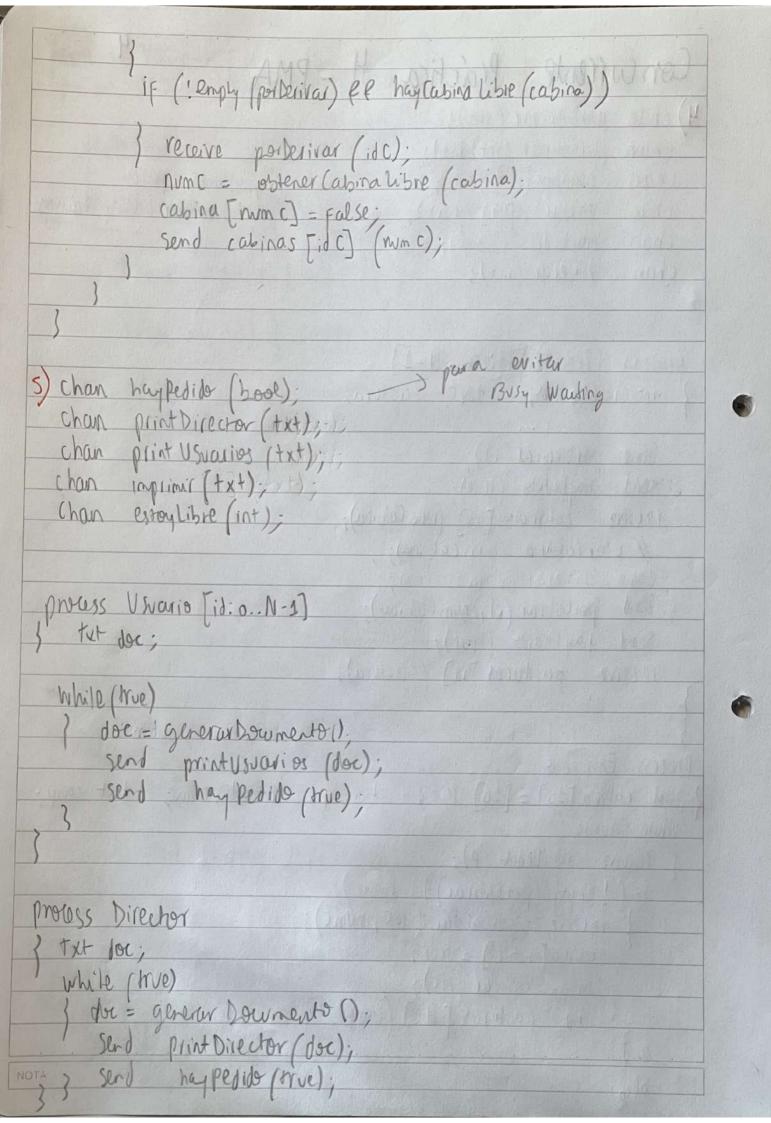
int cant Espera [s] = [s] 0; int min; int id AVX; bool fedido; While (true) revieve happedido (pedido); if (! emply (buscus Co)a) of emply (liberar Co) Min = coja Mas Vacia (cont Espera); (ant Espera [min] ++;

send obtener (opa [idAvx) (min); else if ( enply ( liberar (o) a)) reviene liberar(sya (idAvx); cant Espera [idAvx] --;

Conwrente	Práctica	4-PMA	HOJA 3
3) chan pedides (			
chan entregas	[c] (text);		(4.1.361)
chan siquients	ev (int);		
chan respuest			Made and March 1995 1993
chan Comandi	os (int, text)		
3		164 1 1 1 1 1 1 1 1 1 1	Market Transferre
	1/2/2	AV ALL I	(84 - 11)
	,		
process Cliente	[id:o. C-1]		
} test pedido =	V	, The regraph	Lyge View
feet plato;		S. S. Carlo	
			Was a long to the
Send pedidos	(id, pedido);		
Vo.			
7 There entreg	jos [id] (plate)	)	
			(h) 9 m n s 1 2 0 m s
process Admin		total .	Y Y
Sint idV; in	it idc. to	xt p;	(96.787946
			9.46
while (rue)			
	Siquenter (idv)	);	was and leave and
if (empt)	(redides))		
}	send respuly	rav [idv] (-2,"	");
		/	
) else	1 receive pe	didos (id C, p)	10
	, Send resp	vestal [idv] (i	ol, p);
1	7.		
7			
7			
NO)A			

process Vendedor [id:o..2] | months of the p; while (true) Send signiente V(id); receive respuestal [id] (idc, p); if (il C == -1) } delay (60.. 180); // report 3ebidos1). else send comander (idc, p); process (ouners [id:o.1]
} intide; text p; text plato; Julie (Hue) receive comiandos (idc, p); Plato = Councer (P); Send entregos [iot] (plate);

Con currente		11 (11)	FECHA	
4) chan porteriva				
chan percobrar				
chan casinos[	(a) (int);	The ball the Shill	y usumos para	). W 1
chan facturas	[N] (tht);		eritor '	Susy want
chan happedide	(bool);	134712	day Ward	for the same of th
chan liberar (	(AT);			
CO LOT				
process Cliente [	THE RESERVE OF THE PARTY OF THE			
int num Epilian;	that facto			
So Landon Car	(-1)	( ( ( ) ( ) ( )		
Send perberivar	(10):		A STATE OF THE PARTY OF THE PAR	
send happedile			(TATE HALLSON	
Yeleive (abina	fig] (Mw copi	10);	To let and the	
// vsax Cabina				
Send portobrar	(a) mun (a) na)	68.00		
Send hay Pedido	Closed:		objusti	
(0,0000 -0000	(10c))	(a):	1	4 100
? receive factu	03 (10) (POCO)	0),	(4)	d V de la
		Cake	Administration of	
process Empleodo				AL HOLL
} bool (abina [10] = 1	10) true: 4	and project	ide nume	text rom
while (true);		17 100	to c) willing	
} receive hay Pedid	(p):	MA STATE OF THE ST		
if (! empty (por		(1)		
1 voceive n	or Cohrar (idc,	wmc):	A STATE OF THE STA	1940
(abina min		11		
Comp = col		446737	1	21 11 10
	vros [11 c) (con	np) =	AND DESCRIPTION OF THE PARTY OF	10 Play 2 ( )
)	1,10	7		



Concurrente Práctica 4 - PMA process Impresora [id. 0.2] text doc; While (true) send estoylibre (10) Yellive imprimi (doc); // implimit Doc (doc); process Admin bool p; tet doi; While (mue) receive happedido (p); Yellive estoy Libre (id I). if (! enpty (print Director))
} receive print Director (doc);) else receive print Usucios (doc); } send imprimir (doc); NOTA

Concurrente	Práctica 4 - PI	MS	ноја • С
1)	macrico ( )	(13	FECHA
b) process Examina	docted 0 0-17		The state of the
txt sitie;	001 [10.00, 10 2]		
While (true)		Charles and	AN A LANGE
Sitio= busc	ando Siko ();	Poco	exiciente /
	reporte (sitio);		1
}		Examin	rodor no prede
335 2012/12/2017	and the second of the	The second secon	buscando si tio
	with all happing	THE RESERVE TO STATE OF THE PARTY OF THE PAR	o gre el
Process Analizad		Ana	lijader no
txt site;		reu	ba el msj.
while (Wue)			CHEK THE P
	w [x]? reporte (sitio);		(Claby Love
tes = anoliz	ar (sitio);		As the same
			in table
	E MY CONFERENCE CONTRACTOR		
Spain MAS ExiciENT	TE > con un proces	a Alminist	rador.
Marie Carlos	O. O.	7, 10, 10, 10, 1	
process Examinador	[id: 0 D-1]	The same of	1864 -1, 6
11	VERBEITHEA SA CAR	A AMARIA VA	A MARK WAR WAR
while (true)	- Chique Exili		
	desirio () y (() oricled	Men Cal	
Administrador	1 reporte (siho);		
}			donne d'asse
period se l'alignation		+100 100 (10)	
houss Admin			
cola Buffer, txt			FOREST LANDS
do Examinador[	*] ? neporte (sitio) > p	ush (Bufper,	sitio), land
a not Empty (3 upp	er); Analizador? signi	ienter) ->	All gradients
Ana	ligador! reporte (pop (b	uffer))!	THE RESIDENCE OF
100		The Market	(AULANDINA

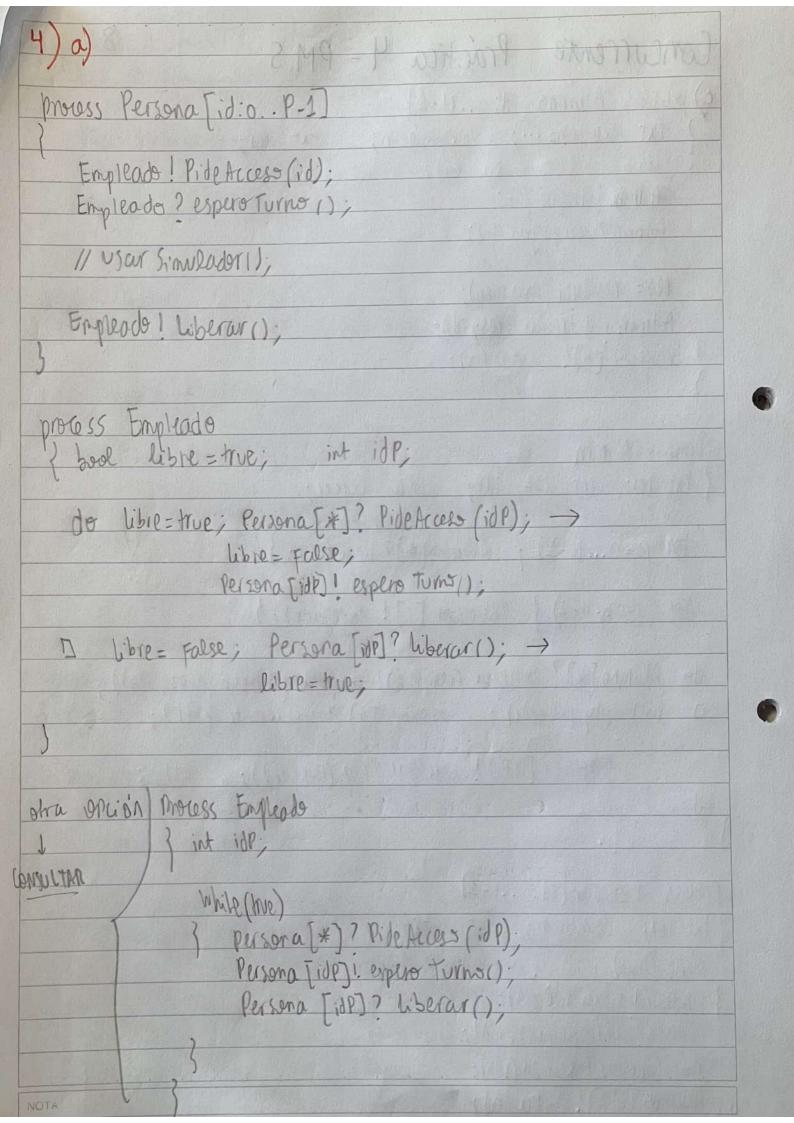
process Analizador txt ves;	II DIESON FINNINGO
txt sitie; txt res;	) 30,00 EJ 40 G G G G G G G G G G G G G G G G G G
While (true)	
{ Admin! signienter);	A STATE OF THE STA
Admin 7 reporte (sitio);	
(es= analyar (sitio);	
<u> </u>	
	ace a Ada's when he all
c) Idem reliain anterior. El protes de plegada er cola	moles women respera a
groen de Degrota er wold	141974CS.
1) 2000 - 1 10 1011	peters when the same of
2) process Empleado Uno	The Age 1923 of the State of
( txt ADN:	The same the sport of Long;
while (true)	THE REST OF THE PARTY OF THE PA
ADN = preparar (Mulestra);	The first of the same of the s
Admin! muestra (ADN);	En o de ZIII
	San A AMERICAN CONTRACTOR
process Admin	
I'txt AM; cola Biffer;	
do Empleadouno? muestra (ADN); -	> mr Bucker ADN);
D not Empty (Bigger); Empleado??	
Empleado 2 1 muestra (pop (Bu	mer));
}}	
process EmpleodoDos	
? txt ANN; txt res; txt let;	mocess Empleadotres
while (me)	? txt set; txt res;
) Admin! Signientel);	while (true)
Admin 7 mugatra (ADM);	} Empleo do Dos? muestra (set);
Set = ainor set (MON);	res_ analizar (set);
Emolendo Tres 1 muestra (set):	Empreado Dos! reveltado (res),
Empley de Tres ? regulated (ves):	, }
Archivar (ves);	

Calon Can I	0'11 11 500	HOJA · 7
SW311M16M6	Practica 4 - PMS	FECHA
3) 0)		Y Carlotte Barbar
process Alumno	[id: 0N-1]	HOLLY WALLY & LONG
3 txt examen=		The Toron Line Fr.
txt res;		
V.		
res = resolver (ex	amen);	
Admin! entregion		And All hopens
Profesor? nota	(n):	At the less to
1		0.000
	and the (Mr. 134) and	100 ) a jaymill the
process Admin		
( TXT YES; INT 10	A; cola Buffer;	THE MEDICAL PROPERTY.
dr. 11 [7]	acknowly (see 111)	ver ( 11)
de Alumne[*] (	entregar (res, idA); -> push (s	uffer, (Yes, 10A))
II NOTEMBY (BUEF	er); proposor? signiente()	$\rightarrow$
Pror	esor! corregir (pop Sugger	) ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
9d		
malosc barosar		The Control of the Co
process properor	n; o int idA;	get an ext
10 Ja-316	11/ 1/1/ 1/1/	14. Wallane
while (true)		LA BUZ Francisco
1 Admin! signient		Language Company
Afmin? corregion	(res. idA):	
, con ga		NA WARRANTER BY
n= Corrogir Exa	men (res);	30 9
Alumno [idA]! r	ato (n):	
) 400111100 [1011] , 1	all (P)	STATE OF THE PARTY
274		
ОТА		

b) process Alumno [id: 0.. N-1]

I txt gamen = ... double n; txt res; res = resolver (examen); Admin 1 entregar (res, id); Processor [\*] ? nota (n); profess Admin txt res; int idA, idP; cola Buffer; do Alumno [\*]? entregur (res, idA); > push (suffer, (res, idA)); D not Empty (Duffer); profesor [\*)? Signiente (idP); > profesor [idp] ! corregir (pop (3 upper)); 00 process Property [id: o. P-1] txt res; double n; int idA; While (Hue) Admin ! Signiente (id); Admin? corregir (res, idA); n= corregir Examen (res); Alumno TidA]! nota (n);

Concurrente Práctica 4-PMS c) process Alumno [id: 0. N-1] txt ves; txt examen= ...; double n; Admin! Megue (); Admin? empezar (); Yes = regolver (examen); Admin 1 entregrus (res, id); Procesor [\*]? nota (n); process Admin txt res; int idA, idP; cola Bupper; For (i=0... N-1) { Alumno[\*]? 11egue ();} For (i=0..11-1) } Alumnos [i]! empegari); } do Alumno[\*]? entregar (res, id +); > push (Buffer, (res, id+)); not Empty (Buffer); profesor [#]? signiente (idP); makes or [idp]! conlegit (pop (Buffer)); 00 Moress Profesor [id:o.P-1] txt res; double n; int idA; While (true) Admin 1 significate (id); Admin? corregir (res, idA); n= corregir Excemen (res); , notAlumne [id A]! Nota (n);



Concurrente Práctica 4-PMS process Persona [id: O. .P-1] Empleado! Pide Acceso (id); Empleodo ? Esperaturno (): // usur Sipulador 1): Emprade! Liberar(); CONSULTAR moress Empleado bool libre = true; int idP; cola Burger; Persona [\*]? Bide Access (idp); > if ( libil = true) libre=false Persona [iJP]! Esperaturnos); else } push(Buffer (idp));} libre = false; Persona[\*]? liberar (); > if (empty (buffer))

libre = true; else ( idP = pop(buffer); Persona Fide) ! Espero Turno ();

F

s) prooss Espectador [id. p. E-1] Admin! Liegada (id); Admin? Turns(); // SOLLY GOSLOSA (); Admin! Liberar (); Process Admin int idE; cola Buffer; int cant=0; bool libre=true; der (cont < E); Espectador [\*)? Megoda (idE); -> IF (libre = true) libre = False, Espectudor [ide]! Turnol); able { push (Bupper (idE)); } D (cant < E); Espectudor [\*]? Liberar (); -> if ( lomply (Buffer) } libre = true; Jelse ide = pop(Bugger);

Bepertador [ide)! Turnor);