inhialite & exec to child child context. Context. III	took child	exit (status); Exil-with status; destroying the process. Int pid = wait (& status); asait for exit (or other	exec* (" program" [, argup.enup]), overlay the calling procen winting memory with a new program and transfer control to it.	Int- pid = fock (); Creute a new process that is a clone of its parent-
on a specific child, or notification of stops and other signuls.	Formal- wer week to sleep while the child exita weit returns while pie and status.	The fork syscull reforms howce ist-reform a zero to the child and the child process 10 (pid) to the pernul-	pid = woult (& stutus); b ebse { (* child * / exit (status); }	int- pid; int- status = 0; if (pid = toxk()); /* Parent- */

int main ()		write a prog. to cre	to
10		the process	and the state of t
int pid;			
1 + forle another proce	14/	child should calcute 1.	ree
id = fock ();	1 1	of the circle	7 4-7
: (rid < 0) 1 /* error	occused 1/		4
forut (stdern, "fork	-kuiled");	paraul- Simple interes	<u>-, </u>
exit-(-1);		#	
2	u I	# melude (uni std. h)	
else if (Pid = = 0)	La a L	int-main ()	1
s 1+ child process	6/	{	
exectp ("/biy/15",		int pid;	
NULL);		pid = fock ();	
J	, ,	it (pid LO)	
	-: 1	sprint (stderr, " sorte faile	d");
else / /+ parent- process	* /	exil- (-1);	
1x parent will wai	for	7	
the child to compl		else ix (pid = =0)	
wait (NULL);			1.
printf (" (hild (ompl	ete");	scart (" 1. d " , x)	
exit(0);		I mut (" The area of circ	le is
1		", 3.14 * X * X);	
	icq i i .	· · · · · · · · · · · · · · · · · · ·	
1		?	
Process Ternination	1 might		
(-	else 1	
		scarf (" 1. d 1. d 1. d 1. d".	& P
1	p. 610	&R, &T);	
	1) journal	printf (" The simple intenst	13.1%
		(P*R+T)/100);	
allow and			
		2 xi/(0)',	
	The second secon		

		de
	UNIX	
	FORKFORK	Ţ,
Zombie		
A process that has terminale	d	
but whose parent	#include < stdio. h>	
	#include < sys/types.h>	11
	int main ()	
1.		
	for4();	
interprocess Communication	printf (" Hello world! \n");
	retumo;	
-> independent if il- cannol-	3.	
offect or be affected		
by the other exculing processe	s	
Ų ,		
-> Cooperating	#	
, U	# include (unistably)	
	void forkexample ()	
Reasons for process cooperation	{	
	[f(foorh()==0)	
Lo information showing	printf ("Hello from C	hild lu"
L> speedup	else	
L. Modulanity	printf ("Hello from Paren	J h"]
. J	7	
r ·	int main ()	i i
Har-	Porkexample ();	
	return o;	
	1	
	Outru-	
* 10 . * 17 . * 10	y hello from child	
	helle from Parent.	
	or	
	nello from child	
	man your child	
	Hello from farent	
α	Hello from Perent	
	Hello from Child	