Date _ 08/11/24 Expt. No. Page No. 20 PART-B u) write a program using system call: weate, spen, wite, deck. ve scallec. #gcc woull. C # v9 mj9/e. txt Pouguan! #Indude < stdlo. h> #Include <font. 1, h >
Sht maln!) # gcc scall. C #./a.out FPLE Opened successfully Int Id; NCMS is weitten to file. char buffer [100]: static char menage [] = "NCMS"; [d = open ("mille .txt", O_RDWR); ef [[d! = -1] pulnt ("File opened succenfully in");
with (fd, nunage, is goof (missage));
seek (fd,0.0); viead (fd, buffer, is ge of (menage));

putat ("" s ils written to fle n", minage);

close (fd); system 0' Teacher's Signature

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``	12) 11/14/8/40 0 1 1 1 1 1 1 1 1 1 1 1 1
*	and allow the housest to destay "nevert"
	and allow the pavent to desplay "pavent" and the child to desplay "child" on the scheen
	vi uhild.c
61.	P.uog.uam:
Output: #- gec uhlld.c	# Indude stallah >
# gcc Mildic	#Prilude < vys/watt.h> #Prilude < vstillb, h>
# . /a. out	Int man()
Hello Would	
	Put pld, stalus.
I am a child publish. I am pavent publish.	pulnt ("Hillo Would In"); ped = fouk(1);
	$ \begin{array}{ccc} & & & & & & & & & \\ & & & & & & & & \\ & & & &$
\$ 00 - 1 - 10 P	$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$
	purrove ("Bad forkin");
	(alt (1);
	3
	el Cped == 0)
	puent ("I am a cheld punces In");
	1
	walt (fistatus);
*	pulnt ["I am parent process (n"); neturn 0;
	veturn 0;
	J
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	B) Willte a pringuam to mate Zomble prious.
Output: # gcc 30mble.c #./a.out I am the child process with \$9d = 10232 The parent 9d ils 10231 I am the parent parent with \$1d = 10231	Puoguam: =# Enlude < std80.h> =#thclude < unletd.h> #include < unletd.h> int maln! 1 pld_t P; P = fpuk!);
Chold fold as 10232	prentf (" I am the child process with pld="d\n' get pld()); prentf (" The favent ld is "d\n", get ppld());
	else 1 uslie (3); pount (" I am the favent powers with pld= 400 in", get pld()); pount (" child pld lu 401n" P);
	posent (" cheld ped es viden" (P); vutevan D;
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	Expt. No
	wilte a program to implement inter-process communication using pipes
Output: # gcc into.c #. /a. out	Program: #finclude < ustdfo, h> #finclude < unistd. h> #finclude < upis / trhu. h>
Pous the values to while child process received hello	Prd_t P;
	what buffer [100]; plie (fd); P = fouk(); ef (P = = 0) i pulat ("Pas the values to shild (n"); welle (fd[1], "hello\n", 6);
A1 (45)	else 2
	puent l'Cheld process recelred \n"); n = vead (fd [0], buffer, 100); curette (1, buffer, n); seturn 0;
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	.40*	
	you and	is wille a purguan to copy a fele into
		another fele using system calle.
	# cat > vehilled	rl copy.c
	T (100)	friegulam:
	July Car	#Pullude < atdlo, h>
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#findude < unfuld.h>
	# cat > vomaco	# thelude < fontil, h>
	Output:	vold typeffle (char + pname)
	# gec copy.c	I Int fd1, fd2;
	# .74.000	chare buffer [100]; [d1 = open (fname, O-RDONLY);
	FOR THURSDE	al Club (Iname, V-RDONLY);
	# . /a. out vehicles vehicles	Pf Cfd1==-1)
	Tiel Cou	Towns (fund)
	Jeep Cay.	pervisor (fname):
		2
		whole (()d)= ward ()d1 bullow exact (bullow))) > D)
	6 8 7 7	uchle ((fd2 = read (fd1, buffer, rezent (buffer))) > 0) worste (1, buffer, fd2); close (fd1);
		close ((d1):
		t the town
		Int main (ent auge, chase +aug v [])
		The state of the s
		Put an = 1;
	And the second s	typefele (augr [an]);
		vutiun 0;
		3
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