		1 .	$\overline{}$	1					
	Order of execution of code in Ensc351Part3-test.cpp and some output and details of the solution								
threadT41 (priority 50)	threadT32 (priority 70 to 40 to 80 to 40)	threadT42 (priority 60)		daSktPr[0] - 3			daSktPr[1] - 4		
			tW/mTCR	pair	cvDrn	tW/mTCR	pair	cvDrn/cvR	which
			-	-	-	-	-	-	وأمل عد
	mySocketpair(AF_LOCAL, SOCK_STREAM, 0, daSktPr); mySocketpair(AF_LOCAL, SOCK_STREAM, 0, daSktPr1); mySocketpair(AF_LOCAL, SOCK_STREAM, 0, daSktPr2);		0/0	4		0/0	3	/	is bl
	PE_NOT(myWrite(daSktPr[0], "abcd", 4), 4); posixThread threadT42(60, threadT42Func);		0/0	4		4/0	3	1	
	PE(myTcdrain(daSktPr[0])); // blocked		0/0	4		4/0	3	T32/	
		PE_NOT(myWrite(daSktPr[1], "ijkl", 5), 5); posixThread threadT41(50, threadT41Func);	5/0	4		4/0	3	T32/	
		/* X */ myTcdrain(daSktPr[1]);//blocked	5/0	4	T42	4/0	3	T32/	
/* A */ myReadcond(daSktPr[1], Ba, 20, 12, 0, 0); // blocked			5	4	T42	4/20	3	/T41	
•	setSchedPrio(40);								
	PE_NOT(myWrite(daSktPr[0], "123456789", 10), 10);		5/0	4	T42	14/20	3	/	
/* finished: statement A: result was 14 Ba: abcd123456789 */			5/0	4	T42	0/0	3	1	
nyReadcond(daSktPr[1], Ba, 20, 0, 0, 0); // returned 0;			5/0	4	T42	0/0	3	1	
myWrite(daSktPr[1], "Will not be read", 17);			22/0	4	T42	0/0	3	/	
/* B */ myReadcond(daSktPr[1], Ba, 20, 12, 0, 0); // blocked			22/0	4	T42	0/20	3	/T41	
	setSchedPrio(80); PE_NOT (myWrite(daSktPr[0], "xyz", 4), 4); PE(myTcdrain(daSktPr[0]));		22/0	4	T42	4/20	3	/T41	
	PE(myClose(daSktPr[0])); // returned 0 setSchedPrio(40);		22/0	-1		4/20	-2	/	
		/* finished: statement X: result was 0*/ myTcdrain(daSktPr[1]); threadT41.join();	22/0	-1		4/20	-2	/	
/* finished: statement B: result was 4 Ba: xyz */									
myReadcond(daSktPr[1], Ba, 20, 1, 0, 0)); // errno 104 "Reset"									
myWrite(daSktPr1[1], "Will not be read", 17)									
/* C */ myReadcond(daSktPr1[1], Ba, 20, 1, 0, 0); // bl'ked									
	PE(myClose(daSktPr1[0]));								
/* finished: C: res was -1 errno 104: Connection reset by peer */									1
myReadcond(daSktPr1[1], Ba, 20, 1, 0, 0)); // will return 0									
myWrite(daSktPr[1], "Added", 6); // ret -1 errno 32: Broken pipe									
/* D */ myRead(daSktPr2[1], Ba, 20); // blocked									

/* end of threadT42 */

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PE_NOT(myWrite(daSktPr2[0], "mno", 4), 4);

PE(myClose(daSktPr2[0]));

threadT42.join();

/* finished: statement D: result was 4 Ba: mno */ /* E */_myRead(daSktPr2[1], Ba, 20);

myClose(daSktPr[1]); // ret -1 errno 9ⁱⁱ: Bad file descriptor myRead(daSktPr[1], Ba, 20); // ret -1 errno 9

/* finished: statement E: result was 0*/
myClose(daSktPr2[1]); // returned 0
myClose(daSktPr1[1]); // returned 0
myClose(daSktPr[1]); // returned 0

/* end of threadT41 */

