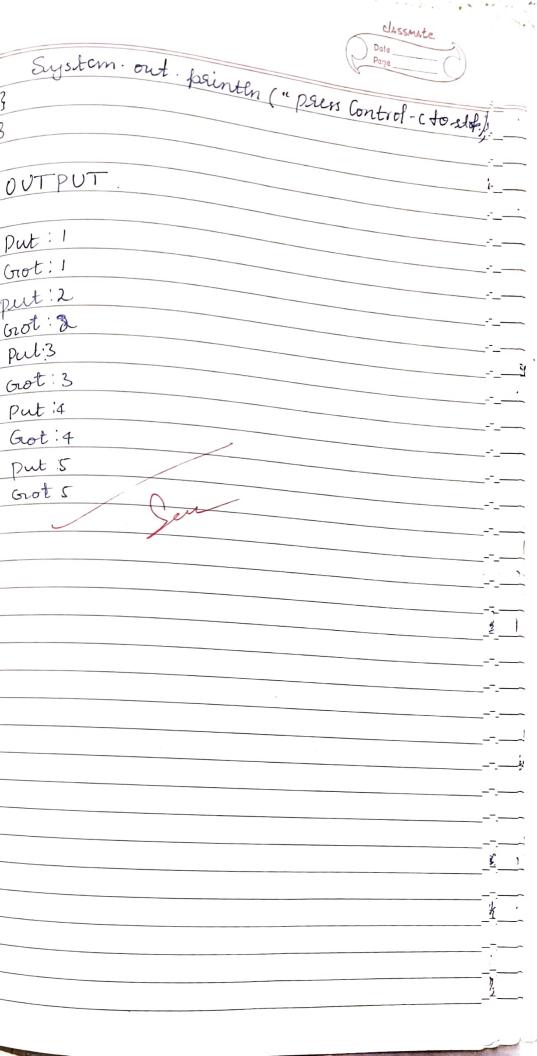
Week-8 8) white a bhogsam which water a thready "
white shread displaying "BMS College of Engineering"
once every 10 deconds and another displaying "CSE" once every 2 seconds. class Display Thread extends Thread & poinate String message; prinate int delay; perinate int repetations; public Display Thread Coloing message, int delay int repetations) { dhis message: message; this delay = delay; this superitions: repititions; public upid sun () { for (int i=0; ix repitation; i++) { System. out. printlm (message); Thread. sleep(delay & 1000); 3 cotch (Intersupted Exception e) 5 e. print Stack Trace (); kublic class Thread Enample [ pliblie statie noid main (String args []) { for int (i=0; population 15; of elastistion++)5 Desplay Thread bons Thread = new Display

	Date
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_	Thread ("B.M.S college of Engineering")
	Thread C' B.Ms Con
	1 000
	bons Thread ·start();
	por v
	dry 2
	3 costch (groterter); C. print Stack Trace ();
	C. primo su
	3
	Display Thread CSC Thread Item Risplant
	Display Thread csc Thread = new Risplays -hscaf ("CSE", L, S);
	1,000
	use Thread . Stort ();
	9,000
	try {
	cseThread.join().
	3 catch (Intersupted Exception e) {
	e paint Stack Trace ();
	3
	}
	7
	3
<del></del>	
	O UTPUT:
·	BMs college & Engineering
	CSE
	CSE
	_^_
	CSE
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	cse / Sov
	/ 06.

Classmate usegood Inter process communication Input /code: das & f int n; boolean valueset = false; Synchronized int get () { mhile (! value Set) System. out. println ("In Consumer waiting vo] mait(); 3 cotch (Interrupted Exception cought"); System out pointly ("Got: "+n); Synchlich Right nalueset = false; System out brintln ("in Intimade peroducing" notify (); outurn n; Synchronized word but ( int n) ; unite (ualueset) dry { System out bountly ("in paroducer waiting in") weait (); 3 catch (Interrupted Exception Glighti) 5 System.out . pointln ("Interrupted Exception icaught "); Ahis. n=n) nalueset = bone; System. out pointln ("in Intimate Consumeran);

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	noteify();		
	3		
	7		
	clas produces implements Runnable &		
	Man paravoccos,		
	gy;		
	g v		
	peroducer (Or) {		
	Ping - 9/:		
	nem Thread ( this, "peroducer"). start ();		-
	3		
	Julalic moid sum () {		+
	int i=0;		-
	while (ix 15) {		-
	q. put (j++);		+
	3		+
_	}		+
	}		+
			+
	class consumer implements. Runnable {		+
	89;		$\parallel$
	consumer (99) {		+
	this. 9=9;		+
	new Thread (this, "consumer:"+ 92);		1
	<i>i</i> ++;		
	3		
	3		
	Jan Darinad S		
	public static noted main (String aggs [])		
	gaj = neu gx);	_	
	nem producer (V);		
	new Consumer (a);	<b>_</b>	-



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	Pate
	Date Page
-	DEBUG DEADLOCK
	Input
<u></u>	class A E
	synchronized moid for (Bb) s
	String name = Thread- surrent Thread(). get
	- Name ();
-	- Name (); System out println (name + "Entered A.fov")  dry {
	V .
	Thread. sleep(1000);
	3 contin (Exception e) {
	System out println l"A Intersupted")
	System out pointly (name + "trying to
	call B. last ()");
	b. tast ();
	3
	moid last () {
	System.out. paintln ("Inside A last");
	3
	3
	class Dead lock implements Runnable
	1
	A a = new A();
	B6= neve B();
	peadlock (){
	Thread wirsent Thread () set Namel'in
	ain Thread");
	Thread t=new Thread (this, "Racing The
	ct. start();
	a. foo(b);
	System. out println ["Back in main
	Ahread");
	/ 5
	V

;	Classmate  Page  Page		
	Bublic word run() {		
			1
	System out pointly ("Back in other thread");	- 	
	Jaublic static woid main (Sitsing args []) { new peadlock ();	 - 	_
	3		
	3	-  -	
	OUTPUT:	 - 	_
			31
	Main Thread entered A foo		<u>·</u>
	Roung Thread entered B. for bar		_
	main Thoread drying to wall B. Jast ()	 _	
	Anside A. last		
	Back in main thread	 	_
	Racing Thread drying to wall A. last ()	 	
	Inside A last	 	`.
	Back in other thread.	_ 	
	OF 2.02	2	1
	13		
			!
			_ <u>i</u> j
		<u>`</u>	
		- -	
			,
		 	<del></del>
		)· -	
		<u>"</u>	