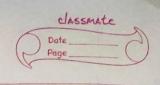
Lab Program 8 06/02/2024 & Java program to work with threads Ans class contract torrand class MessageThouad extends Thouad & private final String message;
private final long interval; MessageThouad (String message, long interval) {
 this message = message;
 this interval = interval;
} public roid run () { while (true) { System. out. println (message); Thread. sleep (internal); catch (Interrupted Exception e) {
System.out.println (Thread.current Thread ().get Name ()+
"interrupted."); hublic class TwoThreadDemo } frublic static void main (String args[]) {

MessageThreead t1 = new MessageThreead ("BMS college off
Engineering", 10000);

MessageThreead t2 = new MessageThreead ("CSE", 2000)



the setName ("Thread 1"); the setName ("Thread 2"); the start; t2. start; Thread. eleft (20000); catch (Interrupted Exception e) ?

System. out. println ("Main throad interrupted") t1. interrufit ();
t2. interrufit ();
System. out. println ("Main thread exiting"); Engineering Main thread exiting >
Thread a interrupted Thread I interrupted

6/02/2024	hab Priegram 10
	THE REPORT OF THE PARTY OF THE
1.	Java Program to demonstrate inter process
•	communication.
Ans.	class Q E
	int n;
	boolean valueSet = false;
	sunchronized int get () {
	while (! value Set)
	tou ?
	System. out. println ("In Consumer Waiting In");
	wait ();
	Come him all the
	catch (Interrupted Exception cought) e) { System. out. println ("Interrupted Exception caught");
	System. out. Prointly ("Interrupted Exception caught"):
	System. out. freintln ("Giot: "+n);
	valueSet = halse;
	valueSet = false; System. out. println ("\n Intimate Producer\n");
	notify ();
	return n;
	3
	synchronized void fut (int n) { while (value Set)
	while (value Set)
	1 Tour & C" manufacture state) former man
	System. out. println ("In Producer Waiting In");
	wait();
	The state of the s
	cotch (Interpretated Exception e) }
	catch (Interrupted Exception e) {
	2 Jan Jan Jan Carlotte Carry C
	this n = n;
	valueSet = true;
	runce VIII)

Date Page class PCFixed ? Output: Intimate Consumer Producer waiting Press control-C to stop Intimate Producer (18) Consumed: 0 Intimate consumer Producer waiting Intimate Producer consumed: 1 Intimate Consumer Producer waiting Gipt: 2 Intimate Producer consumed: 2 Put: 3 Intimate Consumer Producer maiting

