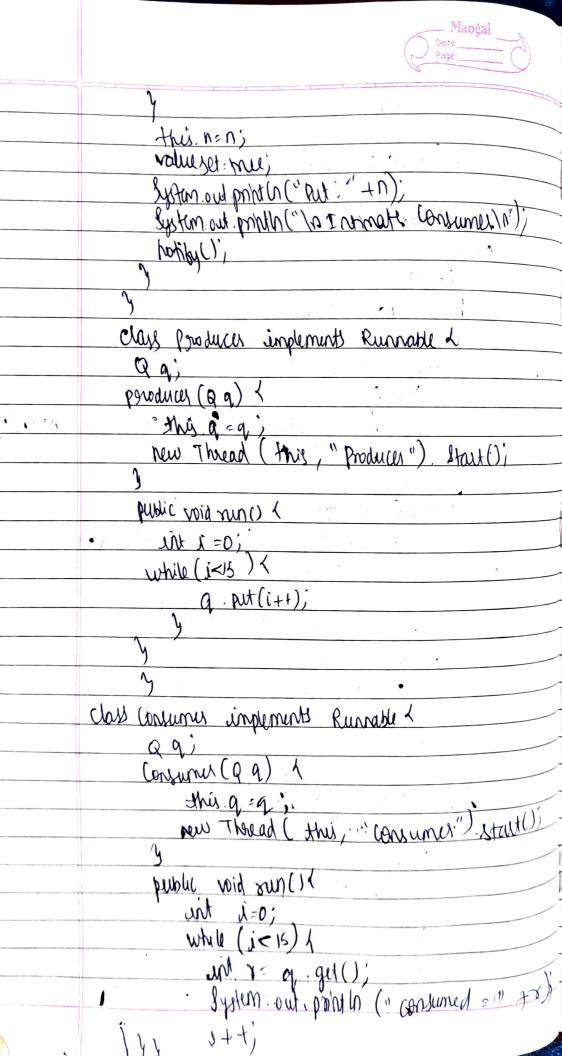
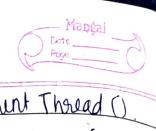


LAB-10 pemonstrate IPC & pecullack 8 3 Polls Com class Q 1 in the boolean value set = false; Synchronized in get () { while (! Volus est) System out pricto (" \n consumer watingle") walk(); or catch (Interrupted Exception e) < System and printin (" Intersupted Exacution cought"); Jystemout.pmrtn("Got: "+1); valuset = falle System out printin (" \n Intimate procedure \n"); notify(); schrin n Synchronized upid put (int 1) while valueses! toy h System out, point in (" \ n Produces waiting ("); w ait (); Carch (Intersupred Exception e system aut. pmnth ("Interrupted Exception Caught");





class perixed of public static void main (String args []) & Qq= new Q(); new producer(g); New Consumer (q); System & w. portln ("press control-(to stop!) code for deadlock? class A Synchronized void you (Bb) 4 string name = Thread: current Thread() System.out.pn/nth (namet "entered A. foo"); Ju 1 Thread sleep (1006), System out print in ("A Intersupted") 3; 1 System out print in (name + "toying to call B last () () () h last(); void last() 4 System.out.println (' gneide A. Last') Crass & 6 synchronized void bor (Aa) 1



String name = Thread current Thread () get Name (); System out point in Chame + "entered B but Thread sleep (1000) coutch (exception e) { System out printh ("B interrupted"); system out printly (name + "toying to call A. last ()"); a.los(); void lout () (System out print In ("Incide A. last"); Class Peadlock implements Runnable & A a = New A() b= new B() Deadlock () { Thread current Thread () - set Name ("Main Thead") Threat = new Thread (this, "Racing Thread") start() g two (p); System. out. print in (" Back in main thread"); public poid run() (b. bus (a); System out proper (" suck in other thread" public Static wid main (Stoing asg)[]) , New Deadlock ();



OP Pauls Central-C to stop Put: 0 Intimate consumer Products waiting Crot: D Intimate Produces Put:1 Intimate consumer Producer waiting Consumerd 0 Got: 6 consumed: 1 Put: 2 Intimate Produces Consumed: 2 Put:3 Intimate consumus Producer waiting (not: 3 Deadlock: Racing Thread entired B. bar Main thread entered A. for Racing thread bying to call A last Main thread trying to call 1 last