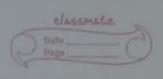


Demonstrate Inter process Excercise boolean value set = false; Synchronized int get () 9 while (1 valueset) try & System oct printle ("In Consumer waiting In"): Gatch (Interripted Exception e) System. out-println ("Interrupted Errephon aught"); System out-printly L"Got: " +n); Value Set = false; System. at printinc" in Intimate Roduce (1 nm); actorn n; synchronized void put (int n) while (valueSet) try9 System.out println ("In Producer anitingin's 3 catch (Interrupted Exception e) System-out-printle ("Interrupted scaption could" Hisn=n,



value Set = true; System-out-println ("Put: "+n); System out println ("In Intimate Comumer In"); notify(); clay Broducer implements Ronnable & Q qi Roducer (Q y) now Thread (this, "Roduces") start (); intico; while (ic(s) { g.put (i+);3 4 day Consumer implements Rumable & Consumer (Q q) this q-qi new Thread (this, "consumer") starte; public void oun () int r= q/get(); System.out println ("concerned:"+r);

class PCFixed public static void main (string args[]) Q q= new O(); new ProducerCasi new Consumer Coyd; System out println C'Press Contral. C'to stop "1 Output: Preus Control-1 to ctop. Intimate Consumer Producer waiting Intimate Bryoner Producer Put 1 Intimate Consumo Consumed: 0 Producer waiting Got: 1 Intimate Produce Put:2



Intimate Consumer Producer waiting Intimate Producer Tutimate consumer Roduce waiting Got: 3 Intimate Producer Consumed: 3 Puts 4 Intimate Consumer Producer waiting Crot:4 Intimate Producer Consumed:4 Rut:5 Intimate Consumer. Producer waiting Got: 5 Intimate Godver consumed. Puti6 Threy's lao M 18M22(52)2