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a) c code for implementing multi level que, process scheduling #include (stdio.b) # include (Stdlib. h) # deline Num QUEVES 3. # define QUANTUM 3 typidet stud for 1 partioner piblickon arm int priority; ind bursd\_time; int remaining time; is Sprocession = Int our alduran does to le a vag est l'about le fait typedet struct 1 proces rique ce l'2007: The int fronts all all I have (by and 1/2 in interear in sale in ) which Jaueue; Queue \* queues [NUM\_QUEUES]; void init praces queues () { for (ind i=0; iKNUM-QUEUES; i++) { queues[i]= (QUeve+)malloc(sizeos(Que) queues[i] > front = -1: queversij > rear = -1: void enqueur (proport xp) { ind priority = p > priority; queues[priority] > rear ++; queues [priority] > queue [queues [priority]

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	#include (sadio, h)		Andrew of the Control
	# include (limits, h)		
+	The Philosoph and the		na distribution and the country of all their manufacture and all property and a second a second and a second
1	struct proce	Acc.	
	int id;		
	in by inderes cause		
	intal;		
	i'nt at;		
	int wa:	W Land	
	int tas;		
	in1 rd;	Commence of the service	
a later	intestination	Mar Brook Till	
	ins es:	adjusted t	
	int vis;	AN TOMBER	1 1 1 1 1
	12; The state same	Transfer Sugar f	
	void main() {	120 May -	
TA:	in & n, (Uri Time=0;	With the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Sload aug WT=0, aug	TAT=0, augRT	=0, 1p;
	printf ("queue 1".	1 system process	on Queue
	2 is cumpion	ess 12");	
	printf (" Enter pum	ber of proce	esses; ");
The second secon	scanf(" 1.d", 4n);	Contract of the	
	struct proc proceso	7, +mp;	/
	for (int 1=0; i (n; i	(A) filmen	
	· procs[i], id= i+1;	1 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	and the same of th
	procs[i]. vis=0;		
	prints ("ender Bur.	u time prival	Time and
	Busin Of Polar	d . " /+ 1)	Name of the Party
	scant ("1.d.1.d.1.d.1.0	1" & processi) W	, & proali) at,
	& procs. £9.13);	was less	
	4 11.000.		And the state of t
			and the second

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for (in) i=0; i<p; i++) {
    for (int j= i+1; j < n; j++) (
       is (processiza > processiza)
          (procs [i]. as = = procs [j]. as ex
                procs [i] Qx)) f
              smp = procs[i];
               procs[i]= procs[j];
              procs[j]= Imp;
   2,
 in compTim= procs(0), b+, minDT- JMIN
     minOJ, proclount= 0;
   procs [o] Nis: 1;
 while (proc (ound (n-1))
      for (inti=0); (n; i++)
         is (procs[i], as = comp Time & & provide
          NN==0)
      if (procs [i]. 9+ < minOT) {
          mingT = procs [i] 9+;
           2 min QT = i i
  procs[ming], Nis=1:
  CompTime + = proc [mino7] by
 Min QT = JNT MAX:
Jmp = procs [ proc Count + 1]
proce [proce Count + 1] = proce [min 0]
   proce [minDI]= 1 mp;
 7 . Proci (onni ++;
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prints (" In process I wT I TAT I RT In"); lor (inti=o; ikn; {i++) { if (procesion as & curr Time) for Procs [i] st = Courtime; 3 else ( 2 procs [i] st = procs [i] as; Procesioner procesions + processions; Car Time += prog [i] by. procs [i] Jas = procs [i]es - procs[i].os: procs (i) wt = procs (i) das - procs [i] by: procs[i].r+= procs[i].s+= procs[i].as; prinsso " nd to de H det ", procssizid, procs [i] wt procs [i] dat procs[i] +d): ang wit = procs[i] wt; aug TAT+= proclil-tos; 2 aug RT+ = proceli7. r+; tp= (floor) procion-17 et la; Drints ("Aug w7. 1.26 In" aug w7/n); prints ("Avg TAT: 1:0f \n" avg TAT (n); prinds (" Aug RT: 1.21 In", augRT (n). print+ ("Throughpus: 1.25", +p); output Free no. of process; 4 Enter Burst Time, ArrivaTime & Q Quece

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