DATE: PAGE: L A B - 2 1) FCFS # include (Stdio. A) Void main () i [61) tru (01) trut (01) to (01) to (01) to (01) to temp = 0 m. flout out = 0; o = toto; print ("Enter no. of processes;"); Sconf (" Y. d", & n); for (:0; i< m; i++) p[i]=i+1; - [i] to + que prints (" Enter 4. 2 arrival time ! ", n); for (i=0; i<n; ++) Scorf("1.d", & est (:); prints (" conter " d lovest time: " n); for (:0; i<n; i++) Scorp ("Y-d" & lot [i]; for (:=0; i<n; i++) for (i=i; i<n; i++) ([i]tw > [i]tw) pi temp = p Gi 3: P(4) = P(3) p (i) = temp; temp: wt (;];

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DATE:
                                                                                                                                                                                                                 PAGE:
                        : [ i) to = [ i) to
                         at (i) = temp;
                         temp = Q+ (;3)
                         et(i): et(i):
                       et (i): temp;
                3
et (03: 003+ Qt (07: 00) +
for (i=1; i<r; i++)
                temp +0;
                ([i] to > [i-i] to fi
                       terry = ot [i] - ct[i+];
                et (;): et (;-1] + let (;] + temp;
  ("TEN + 1 TAT + 1 TO + 1 TA + 1 9 A 1 1 Pring
 for (i +0 ', i < n; ++)
                   tot Ci) to - (i) to tot
                      : (i) tot [i] tot : (i) tw
                     stat + : tat(:).
                     must + = set (i);
       in toto , toto
      out , out /or
      for (: =0; i< n; i++)
                    prints (" in p. 1 1 x - 1 1 x - 1 1 x - 1 1 x - 1 1 x - 1 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 x - 1 
                                                    P(i), wt (i), ex(i), x (i), Tut (i) wt(i))
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DATE:
        pring ("Enter bures simo for PY. d:" itil
         snow f (" " " ) " & Q+ (; );
        Q+ (9) : q a q 4;
       pring ("inp 1 + AT 1 + BT 1 + CT 1 + TAT ( + WT))
       for (time: 0; time < sum_lt;)
            smallest : 4',
            for (i = 0; i < n; i++)
              $ & or (i) <= time && lt(i) >0 & &
                                          C+(i)< let (Smallest)
                 Smollest : i
           print( * P1.d 1 + 1.d 1 + 1.d 1 + 7.d 1 + 7.d 1 + 1.d 1 n"
          smollest +1, at [smollest] let [smollest] time + let finds
          Tulloud to - smit, [trallound] to - [trallound] to + emit
        : [tralland to - [tralland to + let (Smallest];
        : [tellered to - anit : + runull
        time + = let [smallest];
       lt [smollest] = 0;
      : ( n) time " for = TAT = years no ") string
      printe (" & Average WT: 7- 6" Sumu/ a);
CUTPOT:
Enter no. of processes: 4
Enter whine time for PI! 0
File paint time for FI! 7
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	PAGE: PAGE	DATE:	PAGE:
	Conter arrival time for P2: 8	0	
/	Enter hust time for P2: 8	the Charge	
_	Enter arrival time for p3: 3	Aire.	N N
	Enter enerst time par P3: 4		
_	Enter arrive time gas P4: 5	I f	
	Enter lorst time for P4: 6	> MOD	
	1527-2 - Filse	•	
	P AT BT CT TAT	CPLINT	
		I mad o	
	P3. 3 4 11 8	74	
	P2 8 3 14 miles	3	
	P4 5 6 ++ 20 0 15	9	
		1	
N.Z.	Average TAT = 9.000000		
	Average WT: 4.00000		
	to to the market		
3)	SJF (Preengetive)		
	Con - The Minney Mi		
	# include (stdio. A)		
	Void main ()		
	S Company to the second		
	: (01) x (01) x (00) .		
	int but (107, Fort (107, et (107)		
	mito: tros , trallone ; i tri	3 ~)	
	flout sunt 50, summer 50, and;	The state of the s	
	printle (" Enter the no. of pr	oceres: ");	
	sconf ("7. 2", 2 m);	200	
	for (170; ; < n; 1+1)		
	- source resture 1") printy	June of P	7.0', 1+1);
20	3 score ("). d", & o(i):		

fre (1:0; i < m; +++) (1+i ("6-19 go mit teres return 1") string snong (" -1. d") & & Ci); for (i=0; i<n; i+t) ([i] & e [i] x & (9): 99991 for (time = 0; count != n; time ++) smollest = 9; for (i=0; i < n; i++) if a [i] < : time && b(i) < b (sumbers) && MiJoo smallest , i ! & [emollest] - -; if (Comoller) ==0) count ++' end: time +1; et [smollest] = end', tot (emollest) = end - a (emollest); tut [Smollest] : Tot [Smollest] - x [smollest]; prints ("INPIT AT I + BT I + CT I + TAT I + WT") for (i = 0; i < n; i + t) printy("P".d1+7.d1+7.d1+7.d1+7.d) it! ali) schi) et (i) tot (i) mot(i))

Sunt = Sunt + tot (i); Summe: Summer + aut (i); print (" Average TAT = v-g", sunt /m); prince (" Average WT = 1. 6", Summe / m); OUTPUT! Enter the mo. of Processes: 4 Enter writing time of PI Enter arrival time of P2! Enter arrived time of P3: Enter aring time of P4: Enter burst time of A: Enter brest sime of P2: Enter enest time of P3: Enter lorse time of P4: P TAT AT BT PI 4 PZ 8 5 2 13 2 5 18 P4 6 13 Average TAT = 7.000000

Average WT: 2.500000