c program to implement SJF CPU scheduling # include < stdio.h > int main () int bt[20], P[20], wt [20], tat[20], i,j, 1 total=0, pas, temp; float aug_wt, avg_tat Print f ("Enter number of process:"); Scan f ("%d", 2n); Printf ("n Enter Burst Time; n"); For (= 0; i < n; i++) Printf (" p %d: i+1); Scanf (" %d", & bt[i]); P[i] = i+1; # for (i=0; i(n; 1++) pos=i; for (j=i+1); j<n;j++)

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· if(bt[j] < bt[Pos])
 Pos=j;
 bt[i] = bt(pos)
temp = bt[i];
 bt[pos] = temp
temp = P[i] totano tem que tod
P[i] = p[pos]

P[pos] = temp;
              Andri Control Bush Time: 1
 wt [o] z o
For (i=1; i(n:i+t)
  wt [i] 20
for (j=0; j<i; j++)
  wt[i]t=bt[j];
                1 For (1=0; icn; th)
 totat + = wt [i];
 aug-wt = (float) total/n;
 total = 0
 Prentf ("n Processt Brust Time Turnaround Time");
                           twaiting Time T
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for (i = 0; i < n; i++) tat[i] = bt[i] + wt[i]; total+ = tat[i] printf ("np %ocht % dtl %d", p[i], bt[i] wt(i), tat (i); avg-tat=(float)tatalin; printf ("no Average waiting Time = % of "aug - wt); printf ("no verage Two naround Time = % f"aug - tat); return 0;

