- Tru scheduling Algorthms:

Frist come frist Serve: - 1 11 2001 100 100 100

AIM: To write a E Program to Simple the EPU Scholuling algorithm frist come frist force (FEFS)

DESCRIPTION:

Using the Fefs algorithm frist the waiting Time of the frist Process is kept zero and the waiting time of the Second Process is the burst time of the frist and the second

Process and so on. After calculating all the waiting times the average waiting time is calculated as the average of all the waiting time. Fets mainly scys first tome frist serve the algorithm which come first will be served first.

ALGORITHM!-

STEP 1: Start the Protess

STEP 2: Accept the number of Process in the ready Quene

STEP 3: for each Process in the needy a, assign the Process hame and the burst time step

Step 4: Set the waiting of the frist Process 9s_0 and its burst time as its turnaround time step

STEP 5: for each Process in the Ready a tal-eulate a) wating time (n) = wating time (n) + Browst time (n-1) b) Turnaround lime(n) = wating time (n) & Burst time(n)

STEP 6! calculate

a) Avrage waiting time= Total Turnaround Time

1 Total Turnaround Time

DESCRIPTION:

STOP 7: QTAP 11. Q. LABOR DOWN Let 50

STOP 7: STOP the Process - Valifi NOOR BAD 2220049

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SOURCE CODE
# an-clude (stdio. R>
# Jh-Clube tohio. R7
 main () {
  int bt[20], w+[20], tat[20], i, h;
   float wrang, takang
   Thrser();
   Printf ("In Exter the number of Protess -- - ");
    Stanf ("1/d", 8h);
    for (i=0; i<h; 1+4){
     Printf ("In Enter Burst time of Protess/d-",i);
         Stanf ("/d", f b+[i];
     mt[0] = wtavg = 0;
     tat [o] = tatavg = bt [o]!
     for (1=1,12h,144){
      wt[i] = wt[i-1] + bi[i-1]!
      tat[i] = tat[i-1)+ bt[i]!
      wtaug = wtaug + wf[i];
      tatavg = testavg + tat (i];
Printf ("It PROCESS It BUYSTTIME It Waitingtime It Turanond tim
     for (1=01 ich 1294) &
       Printf ("Inlt P%d/t 1/d/t/d/t/d/t/d/i/), b+[i], w+[i], fe
      Printf ("In Aug wating timb - - - 1/4" wtaug [in )!
      Printf ("In Arg time -- 164", testerug /h);
      got-ch();
```

INPUT:

Enter the Number of Protesses -- 3

Enter the Borst time Time. Protesses 0 -- 24

Enter Borst time for Protesses 1 - - 3

Enter Borst time for Protesses 1 - - 3

Outpot!	1 - 1 - 1 - 1		
PROCESS	Burst time	woiting fine	Topharound
Po	34		24
Pi	3	24	27
P_2	3	27	30

Average Turnaround Line - 97.00000

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