Nane: - Pviitika Chaudhary · Course: -Bsc it > Section: -B Student 9d, -20052056 University Roll No, -2023078: Dode: - 79 Jun, 2 I Mock Test 9: - Write a Chroquam to implement FCF5 is cheduling algorithams, and find out The turnaround time for each process and The average turnaround time and average - waiting time far all jobs. There is a four beach jobs, Po through Pz, avvive time 0,1,2,3. They have an estimate the time of 6,8, 10 and 11 minerties, respectively. Algarishm Step 1! - Start Step 2: - Read the elements in away: Step 3: - Inhut the processes and along with their burst time (bt). 54/4: - Find wenting time (ut) for all braces skh5! - As first heacers that comes need not to went no wenting time for pracers I will be

Step 6! - Find waiting time for all others
heacettes i.e. for placess i -> witi] = lit[i-i]+
wit[i-i]. Step 7! - Find twinavound time = weiting time + leverst time for all pracerses.

Step 8! - Find average waiting time = testal weiting time he of I was a survey of the state weiting time. hes, of phraceures Step 9! - Similarly Here of Similarly, find average twen around time = Herter surn ardered time/no of pracerses. Step 10'- < Joh. step10:-5 top, (oding #include < wholie. h> # include (strling, h) int main () hau fin [10][10], +[10],
intaru [10], bur [10], uster [10], finish[o], bot[o], bot[o], i, i, n, inttestant = 0, testat = 8 huinst ("Enter the no. of processes"."); least ("%d", f n); farli=0, i (n', itt) privil 16th Enter the process Name, avvival time & birestime cant l'% s/d/od'; fhrti]; favrli], f burli]); arli=0,1kn,1++)

If (aurli] (aserf 1) temp = aveilit; au [i] = aufi] aver] = temp temp= luve[i] luvi[i] = luvi[i] bur [] = temp whichy (+, finlis); whereby (puli), puli), for(i=0) i (n) i++) Indeed the Purch - ins. Sterli = aurli) where = finish[i-I]; finish[i] = warli] + lurti] Let [i] = finish[i] - avr[i]; heint ["In Plane & Sustine Burt time Wait time Stant TAT Finish") far(i=0',ix n',i++)

Wente (60/10/04/14% 3d/ +% 3d/ testeux+ = w+[i]; print loom Average Waiting time! % of? Lef levert) test wit printfloor Average Turn Arround, time! 0/0fill floort) to tail n), vieturno', Owhat Enter the number of practures: 4 Enter the Averival time: 0,1,2,3 Enter the Burst time: 6,8,10,11 P. Name Avertine Burstine Wadtine STAT TONE 12/1/1/1/22 P2 10 drud-1211 B Average Wouting Time: 9.500 Average Turn Around Time: 18.25000