16 04/03/2A EXPERIMENT 5 (B) FCFJ WITH ARRIVALTIME AIM Implement a CPU scheduling programs AMORITHM STEP O: START STEP 1: Define a Multine process with variables to store information run as prolly no (no), amval time (at), but time (bt) prant time (1+), completion time (it), turnovound time (t) and waiting time (wt). STEP 2: variables are declared. v → no of bronner 12 jare loop vouriers wt (10) & tat (10) are arrays 10 Hore waiting sime & tunaround sime. avgwis avgit variables are my 10 Hore arrage waiting time & average turn avoura time. STEP 3: uner is prompted to enter the number of prouse (n) moval time & built time for eun process are input

14 muture in the p'array of me STEP 4. Implement a umple sorting algorithm to port prouses ball on aren auval time in asunding order STEP 5: It wate through the vorter bronnn: If its the first process or arrives after the completion of the pullious prolling, but is Mart Ame (11) and completion time as (it) Othruin ut Haut hme as (1) as completion time of the bumon bronn ululate tunavound ine (xt) and waiting time (wt) for ean prolly STEP 6: calculate the autraal waiting time & average turnaround ume STEP 7: Punt a table displaying prouse rumber, ausvue time. but time, completion time, Aunavoura time and waiting time for earn process STEP 8: Print the arrace warring time & average turn avour a time

18 1: step 9. Purt the hant mart, moung oul time. STEPIO: END RESULTING Exprent executed recurrelly & output obtained.