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2- Lource Code: # include < stdio. 45 # include < conio.h> # include < string. h > void main () int ef [20], at [10], n, i, j. temp, st [10], ft [10], wh [10] ta [10]; Ful takes = 0, table = 0; float and, ata; chas putio] [10], +[10]; printf ("Ever the number of process:"); scarf (" % &", lw; for (i=0; ich; i++)

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printf ("Enter process name, arrival time & execution this:");
slanf ("%s %d %d", pn[i], tat[i], Let[i];
for (i=o; izn; i++)
for (j=0; jzn; j++)
if (ct [i]<et[j])
temp = at [i];
 at [i] = at [j];
 at [j] = temp;
 temp = et [i];
 et [i] = et [j];
ct [j] = temp;
 stropy (E, Ph[:]);
 stropy (pn[i], pn[i]);
 strepy (pn[i], 1);
for (i=0; ixn; it)
 if (i=0)
 st[i] = al Cij;
 else
 SACIJ= f+ Ci-IJ'
 wt[i]= st[i]-at[i];
                                                Aushi
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ft [I] = st[i] + et [i];
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Page no -? ta[i]=f+[i]-a+[i]; totust + = wet [i]: totta + = falij; aut = (float) totat /2: ata = (float) totaln; point (" In Prane \ tarrivaltine \ texecution time \ twaitingtime ( + tattine"); for (i=0; izn; i++) paints ("In%s 1 + % sd + + 1 + % 5d + + 1 + % 5d") pn[i], at[i], esti], wsti], ta(i]); pevint ("In Average waiting time is: % f", aut); prints ("In streage turnaround time is: "/6 F", ata); getch();

> Ayushi<sup>3</sup> 22/06/2021