Name 1+ Abhishek Shukla University no: > 2023015 Forther's Name 1 - Manoj Kumar Shukla Semisters + 2nd Suject: + Operating System Courses + BSC. IT Student 1011-> 20051030 Secis B Code 1 > PB1202 Args # include (Stdio.h)
int main() int bt[20], p[20], wt [20], tat [20], i, j, n, total=0, float avg-wt, avg tet; printf ("Enter number of process:"); Scanf ("/d", &n);

print f ("In Enter Burgt Time: \n");

for (i=0;i\n;i++) printf("p/6d;", it 1);
Scanf("/d", & b+[i]);
P[i]=i+1; for (i=0;ikn;i++) Epos=i; for(j=i+1;j<n;j++)

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if-(bt[j]<bt[pos])
       pos=j;
     Hemp= bt[i];
      pt[i] = bt [pos];
      bt[pos]= temp;
     temp=p[i];
      P[i]=p[pos];
     p [pos] = temp;
   wt[0] = 0;
   408 (i=1;ikn;i++)
    wt[i]=0;
 を for (j=0; j(i; j++) を w+ [i]; b+ [i];
  avg-wt= (float) total/n;
  total=0;
  printf ("In Process t Burst time It Waiting
Time | t Turnavound time");
for (i=0; i (n; i+t)
   tat [i] = bt[i] + w+[i];
    totalt = tat[i];
    printf ("np% d\t\t 700\t\t/00", p[i], bt[i], bt[i], bt[i]
```

avg\_tet=(float) total/n;

printy ("\n\n Average blaiting time=7. F", avg-ot);

printy ("\n Average turnaround time=7. F/n" avg+td);

3.

Abhithek

8 mile 2021
22-022

