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Kareena
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Munersity Roll no. - 1921081
 Paper - Operating System (Practical) Back
 Code - PBC 402
   Question -1
  Solution -1
       # include < stdio. h>
         int main ()
         unt at [10], bt [10], temp[10].
        int i, small, count = 0, time, limit;
double uit = 0, tat = 0, end;
float airguit; airgtat;
         printf ("Enter the total number of customers:");
         Scanf ("Jod", & limit);
         printf ("Enter détails of 70 d process", limit);
          for Cizo; iz limit; i++)
           printf ("Enter Amival Time:");
          scanf (" god", Lat [i]);
          printf (" Enter Secured Time: ");
          scarf ("Jod", & bt[i]);
          temp [i] = bt[i];
            bt[9]=9999;
           for (time=0; count! = limit; time++)
            small = 9;
             for (i= 0; i < limit; i++)
              if (at[i] (= time 22 bt[i] < bt [small] 22 bt[i]>0)
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queet-De Kareend
bt [small --;
4 (bt [small = = 0)
   count ++;
  end = timé + 1;
net = net + end - at [small]-temptsmall];
   tat = tat + end - at [small);
  avquet = lut/limit;
printf ("In Minimum Anerge Waiting Time! | t 904 | n", argut);
printf ("In Anerage Turnaround Time! | t 904 | n", argtat);
  augitat = tat/timit;
 retuen 0;
                                  CHI DINI VI (O I) POP
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Enter the Total Number of Costomers: 3

Enter Details of 3 Processesn
Enter Arrival Time: 0
Enter Served Time: 3

Enter Arrival Time: 1
Enter Served Time: 9

Enter Arrival Time: 2
Enter Arrival Time: 6

Minimum Average Waiting Time: 3.000000
Average Turnaround Time: 9.000000

...Program finished with exit code 0
Press ENTER to exit console.
```

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Paper - Operating System Chractical) back

Code - PBC+02
Question-2
   Solution 2
               # include < stdio.h>
                 int main ()
                int at [10], bt [10], temp[10];
                int i, small, count = 0, time, limit;
                 double unt=0, tat=0, end;
                float argut, augtat;
               printf ("Enter the total number of process:");
                Scanf ("Tod", & limit);
               printf C" Enter Octails of % of process", limit);
for (i=0; i< limit; i++)
                printf ("Enter Arrival Time");
                scanf ("70 d", Lat [i]);
                printf ("Enter Burst Time");
                scanf ("% d", bt[i]);
                temp[i] = bt[i];
                bt[9] = 9999;
               for (time=0; count)=limit; time++)
                -small = 9;
               for Ci20; ic limit; i++)
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if [at [i] (= time Lk bt[i] < bt [small] lk bt[i] >0)
    small=i;
   if Cot [small] == 0)
     count ++;
    end = time +1;
   ut = ut + end - at [small] - temp [small];
tat = tat + end - at [small];
angent = mt/limit;

anglet = tat/limit;

printf c" | n Anerage hlaiting Time: \t 901f | n" angent);

printf (" | n Anerage Turn Around Time: \t 701f | n", anglat);
setwin 0;
                                                   Sheet -(2)
                                                  Kareena
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Enter Details of 4 Processesn
Enter Arrival Time:
Enter Burst Time:
                       10
Enter Arrival Time:
                       0
Enter Burst Time:
Enter Arrival Time:
Enter Burst Time:
Enter Arrival Time:
                       0
Enter Burst Time:
Average Waiting Time: 2.750000
Average Turnaround Time: 7.000000
... Program finished with exit code 0
Press ENTER to exit console.
```

Enter the Total Number of Processes: