Name :- Palli Course :- Bec IT (II) Section :- B Subject :- Operating system Croblem Statement 2: I brogram :-# include < stdio. h > # include < conio. h> # define max 30 Int i, j, n, t, k [max], bt [max], wt [max], tat [max]; float awt = 0, atat = 0; clrscr (); printf (" Enter the number of process");
Scarf (" "/d", &n);
printf (" Enter the process number"); 2 Scarf (" 1.d.", & P[i]); print (" Enter the boost time of the for (i=0; i<n; i++) 2 Scarf ("%d", & bt [i]);

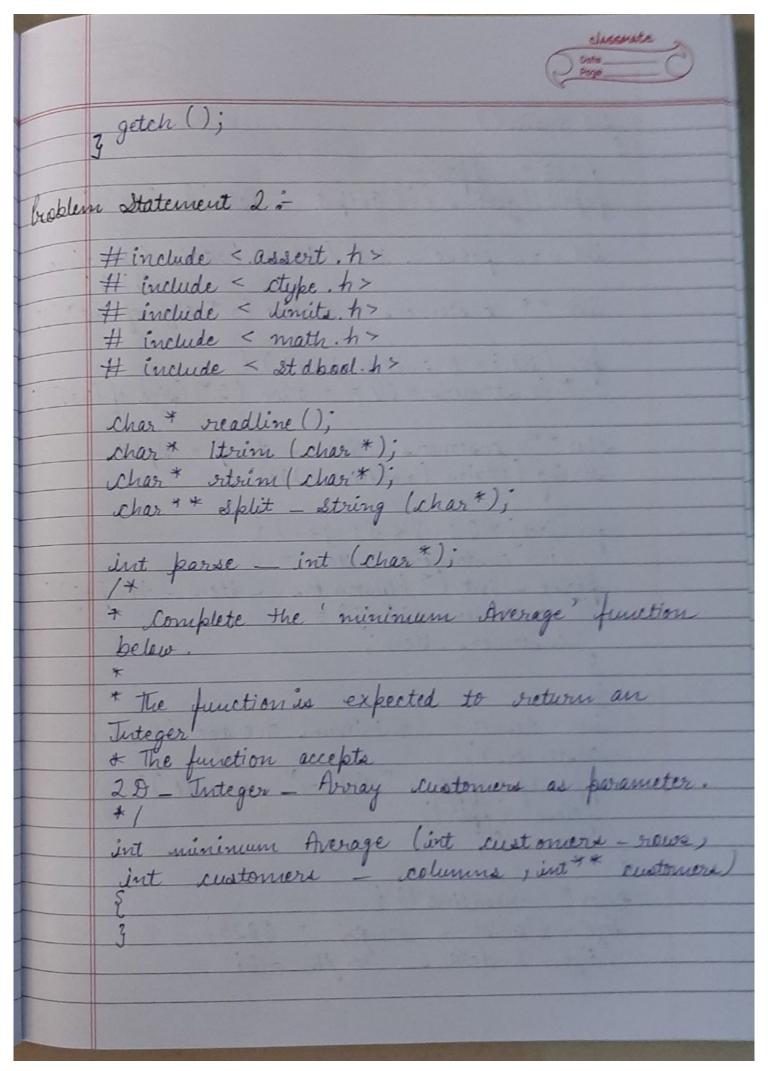
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s for (i=0; i < n; i+t)
  for (j=0; j<n-i-1; j++)
       if (bt [j] > bt [j+ 1])
            t = bt [j];

bt [j] = bt [j+1];

bt [j+1] = t;
        t = p[j];
p[j] = p[j+1];
p[j+1] = t;
printf ("process \t bust time \t waiting time \t turnaround time \n");
for (i=0; i < n; i++)
  wt [i] = 0;
  tat [i]= 0;
for (j=0; j<i; j++)
    wt [i] = wt [i] + bt [j];
    ,tat [i] = wt [i] + bt [i];
     awt = awt + wt [i];
    atat = atat + tat [i];

printf (" %d \t %d \t\t %d \t\t\
%d \n", p[i], bt [i], wt [i],

tat [i]);
```



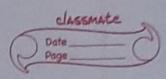
int main () force (geten (" Output - Path"), "w"); int n - parde - int (I trim (readline int * + customers = malloc (n* size of (int*)) for (int i = 0; i<n; i+t) {
* (size of (int))) Lher ** sustomers item - temp = Split String (sit sim (readline ())); for (int j = 0; j < 2; j++) {

int customers _ item =

parse _ int (* (ustomers _ item - temptj);

(1 customers + i) + j) = customers _item; int result = minimum Average (n, 2, fprintf (fftr)" "/d\n", result);

return 0; char + readline () { size - t alloc - length = 1024; size - t data _ length = 0;



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char* data = malloc (elloc length);
char * cursor - data + data - length;
char * line = fgets ( cursor, alloc, length -
data - length, stdin);
 if (! line ) &
   break;
 data - length + = sterlen ( cursor);
  if (data - length < alloc - length - 1/1 data [data - length - 1] = = "\n") {

break;
   alloc - length < <= 1;
data = realloc (data, alloc - length);
     if ( data ) {
         data = '\0';
     if (data [ data _ length - 1 ] = = '\n'
data [ data - length - 1 ] = '\0';

data = realloc (data, data - length);
       if (!data) {
                      realloc (data, data - length + 1);
```

data = realloc (data, data - length + 1); y close & if (! data) {
 data = '10'; data [data - length]= '10'; return data; Char * Strine (char * str) { if (! * str) { while (* str!= '10' & l isspace (* str)) { return stor; char * retrim (char * str) { if (! str) { return '10'; if (! * str) { char * end = str + strlen (str)-1; while (end >= str & & isspace (* end)) end -- ;

