```
aug-lat = (float) testal An In;
   perinty (" In in average waiting time = 8.28", aug - wt );
   point (" ( in Average twee around time = 8.29 in ", any text);
 Name-Bhavner course-BSCIT Std 1d-20052005
& 1 # include < ass ext. h>
  #include 4ctype h>
                         me short and the second in
  # include < limits h>
  # include < std bool. h>
  # ierclude < math. h>
  # include < stddy. h>
 # include < Stdio. h>
 # include < Std lilo. h>
 chart ned true ();
 char + Urien (char +);
 Char & sitium (char x);
 Char ** split-string (char *);
int parse-int (cher+);
  int main ()
    file of ptr = jopen(gelenv (" output-parts'), " " " );
     unt n= paule int (ltrim (ntrim (neadline ()));
```

```
Name-Bharner Course-BSCIT
81 # include < ass ext. h>
  # include &ctype . h>
                               way a with works or the
   # include < limits. h>
  # include < std bool. h>
  # include < math. h>
  # include < stddy. h>
  # include < Stolio. h>
  # include < Std lilo.h>
  chart sud time ();
                          Coules of helt style I freely !
 char + Utries (char+);
 Char & Intries (char x);
 Cheer ** split_string (cheer*);
int parde-int (cher+);
 int main ()
```

file of ptr = jopen(gelenv ("output-part"), " "w"); unt- n = parle - int-(ltrim (readline ()));

```
int * * customers = malloc (n x size of (int x));
 for (int i=0; icn; i++) }
     *(customers + i) = malloc (2 * size of (int)));
      Char ** customers - temp = split string (Interien (read line ()))
  for(in) =0; j(2; j++) }
     int- austomas_item = parse_int ("( customels_item_tempt
         i));
      (constances + i) +j) = customers- ilen;
  Leit result = mierimum Aurege (n, 2, customers);
  prents ( f pte, " % od In", result);
    (close () ptr);
                                        16x malignesiste
    return 0;
                                  "It has beginning they
                                      (Critical parties) side
Char * readline () }
  size-t alloc-tength = 1024;
   Size-t doils tength = 0;
```



Char + greatine () } Chair * data = malloc (alloc-leigth); while (true) 3 Chair * cursor = dater + dater length; Chart * line = fgits Curson_ alloc_lengths - donter_length, Stdin); i] (! line) § break; dater-length += stalen (cursus); i) (doite- length < alloc - length - 1 11 date doute length -1) == (ii) break;

```
Name-Bharna
                              Cowell- BECLT
Std ld - 20052005
                              1 A15 - 175 A1 1
   #include <stdro-h>
    int-mais ()
    int- let [20], p [20], wt [20], tet [20], i, j, n, total = 0, pas, tem
    float aug-10t, aug-tat;
    print{("Entel no. of procises:");
    Scanf ( " l.d", &n);
     perint { (" \n Entre Burst-time of proces (");
     for(i=0; icn; i++)
       perinty(" P[%d):", i+1);
        Scanj (" Pod", & bot [i]);
        P[i] = i+1;
    fal (i=0; i<n; i++)
                        -: C' was dear to be a state of the
      3 pas = i;
                              Antique into
       Josef :- 1;
       foelj=i+1;j<n;j++)
           if (bt[j] < bt(pas))
  j= 1. 1/1/ pos/=j;
                      FELLO, INT. O. H. (D.)
```

```
temp = P[i];
    P[i] = P[Pus];
    P[Pas] = temp;
   wt[0] = 0;
  for Li=1; i<n; i++)
   } wt(i) =0;
                         The real fact of the state of
     folli=0; j(i; j++)
      wt(i) += bt(j);
     total + = wt(i);
                    Charles of Phillips and Percent
  aug-wt = (float) total (n)
     total = 0;
pourly ("In process It It knowst time It waiting time
     It turnsound lime");
falli=0; icn;i++)
        tat(i) = bt(i) + wt(i);
       total += tat [i];
       perient (" in P[ Pod) It It Pod I to to dit It Pod", P[i),
        pbt(v), wt(v), text(v);
```

aug-tat= (float) testal As (n;

perint; (" \n \n averege wai-ting time = 8.28", aug-wt);

point; (" \n Averege twee areand time = 8.2) \n', aug-test);

Enter number of process:4

Enter Process Burst Time

P[1]:10

P[2]:2

P[3]:1

P[4]:4

Process	Burst Time	Waiting Time	Turnaround Time
P[3]	1	0	1
P[2]	2	1	3
P[4]	4	3	7
P[1]	10	7	17

Average Waiting Time=2.75 Average Turnaround Time=7.00

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