```
# include (stdio.h)
# include (conio.h)
# include (string.h)
void main ()
Li [20], Ti [10], N, i, j temp, st [10], ft [10], wt[10],
int to treet 20, totta 20
int aut, ata;
char or [10][10], t[10];
11 clusco ();
pullet ("Enter the number of watomer:");
scanf (" Yod", 2 N);
for (1=0; i(N; i++)
Printf ( " Enter customer number, ordertime &
 cooking teme: ");
   11 flushall ();
 Scanf ("%. 5 %. d % d", or [i] & Ti [i] & Li [i]);
for (1=0; 1 < N; 1++)
  for ( j=0; j< N; j++)
   ix (LiCi) < LiCi)
```

```
temp = 7:[i];
Ti(i) = Ti(j);

Ti(j) = temp;

Temp = Li(j);

Li(i) = Li(j);

Li(j) = temp;
stropy (t, or[i]
 stropy (or [], or[]);
 Stropy (or [j], t);
for (i=0, i(N; i++)
 if (i==0)
   St (: ] = T:[i]
  st [i] = Ft [i-1];
  wt [i] = st [i] - 7:[i]
  Ft[i] = St[i] + Li[i]
  ta[i] = ft[i] - Ti(i)
 totuttz wt[i]
totat = ta[i]
```

aut = (Float) to text / N; ata = (Float) totta/N; print f ("novider ()) tordertime (min) \tooking
time (min) \twaiting time (min)"); for (120; i(N; it+) print p ("In % s | t % 5d | t | t 70 5d | t | t 0/05d/t/t % %5d", or [i], tili], Ui)
cut[i], ta[i]); printf (" inAverage whiting time is : You aut) getch();

```
Microsoft Windows [Version 10.0.19042.1052]
(c) Microsoft Corporation. All rights reserved.
C:\Users\ASUS>cd "C:\Users\ASUS\AppData\Local\Temp\" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "C:\Users\ASUS\AppData\Local\Temp\"tempCodeRunnerFile
Enter the number of customer:3
Enter customer number, ordertime& cooking time:or1
Enter customer number, ordertime& cooking time:or2
Enter customer number, ordertime& cooking time:or3
8
order() ordertime(min) cookingtime(min)
                                               waitingtime(min)
or1
                                           0
                                                           8
or2
                                                           17
or3
Average waiting time is:4
```