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Ans 1

```
#include <stdio.h>
#include <conio.h>
#include <string.h>
void main()
```

```
{
    int li[20], Ti[10], N, i, j, temp, At[10]
        ft[10], wt[10], ta[10];
    int totwt = 0, totta = 0;
    int awt, ata;
```

```
char Gx[10][10]; t[10];
// clrscr();
```

```
Print ("Enter the number of customer");
scanf ("%d", &N);
```

```
for (i = 0; i < N; i++)
```

```
{
```

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```
Printf ("Enter customer number, order time &  
Cooking time");
```

```
// flushall();
```

```
scanf ("%s %d %d", or[i] & Ti[i] & Li[i],
```

```
);
```

```
for (i = 0; i < N; i++)
```

```
    for (j = 0; j < N; j++)
```

```
    {
```

```
        if (Li[i] < Li[j])
```

```
        {
```

```
            temp = Ti[i];
```

```
            Ti[i] = Ti[j];
```

```
            Ti[j] = temp;
```

```
            temp = Li[j];
```

```
            Li[i] = Li[j];
```

```
            Li[j] = temp;
```

```
            strcpy (+, or[i]);
```


}

awt = (float) totwt / N;

atq = (float) totta / N;

printf("\n Average waiting time is
: %.d," awt);

getch();

}

Harsh