



TCP1201 Objected-Oriented Programming and Data Structures

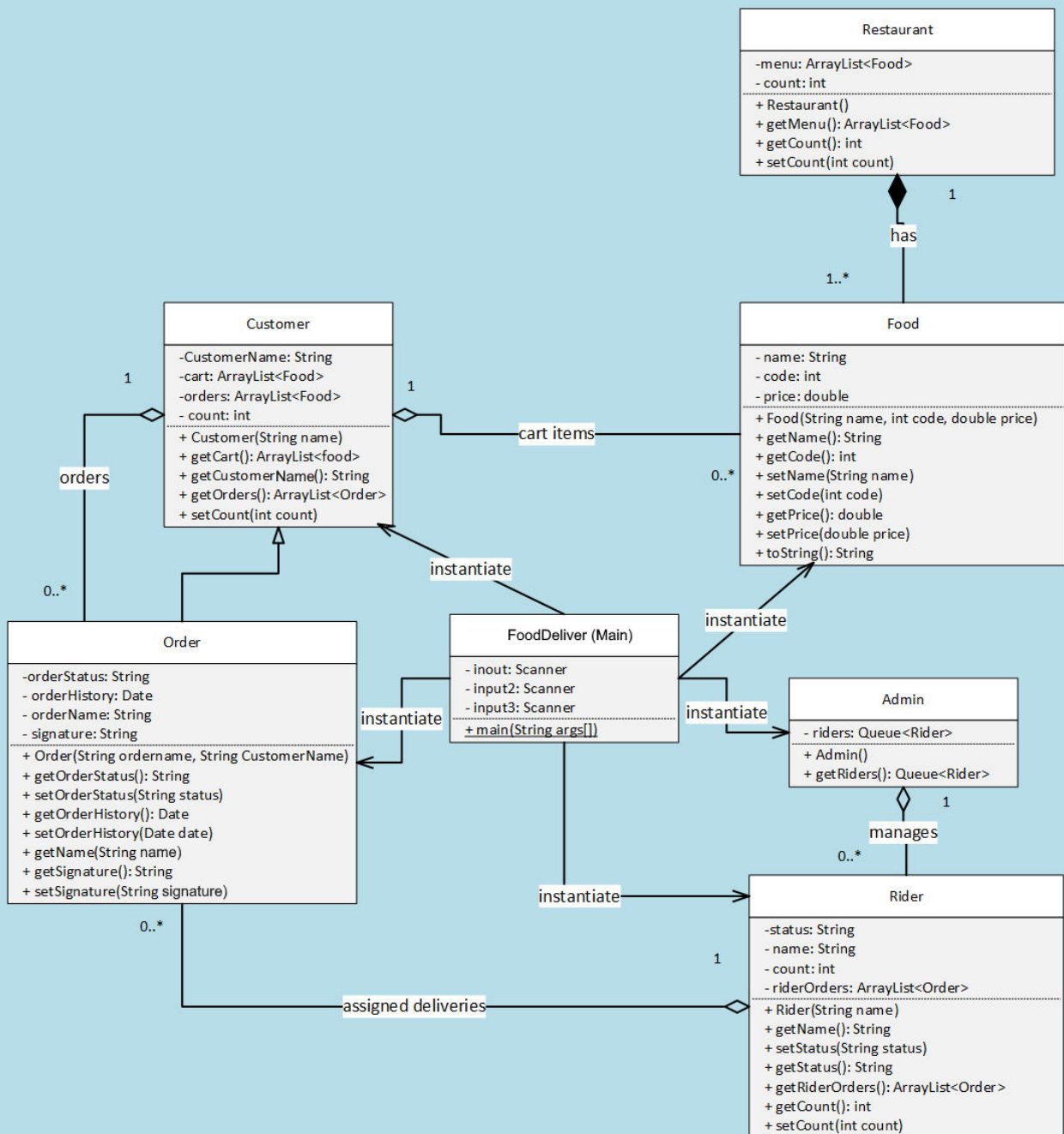
Project (40%)

Trimester 1, Session 2020/2021

Faculty of Computing and Informatics Multimedia University

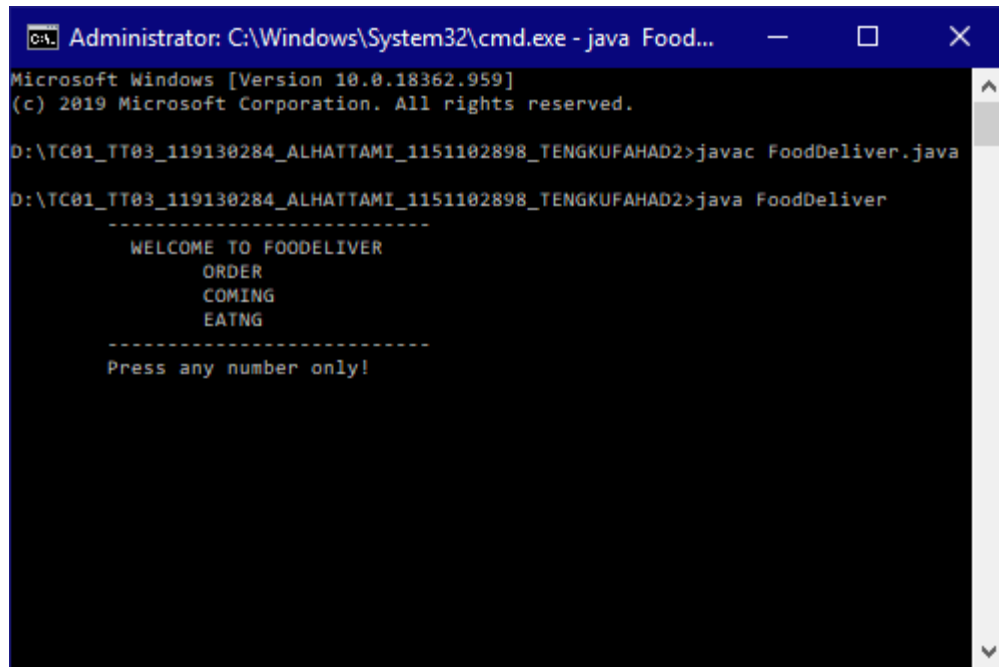
ID	NAME	PHONE	ROLE
1191302084	ALHATTAMI ABDULLAH ALI DAWOD	+60139361922	Admin and Rider
1151102898	TENGKU FAHAD HAFIZ BIN T. ABD NAWAWI	+60173678385	Customer and Restaurant

UML CLASS DIAGRAM



USER MANUAL

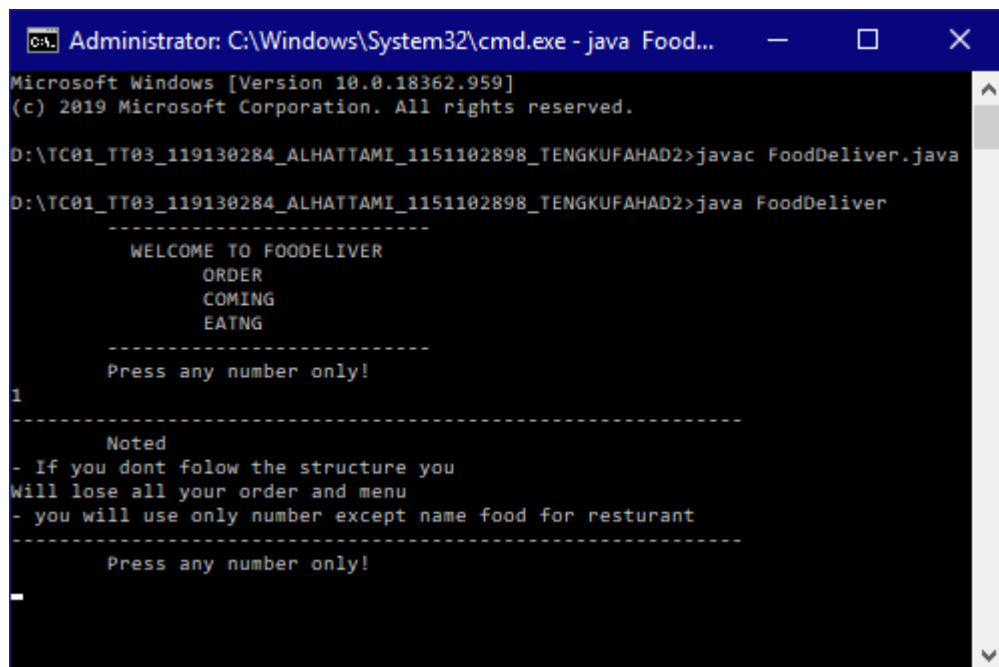
- 1) Welcome screen.



```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...
Microsoft Windows [Version 10.0.18362.959]
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D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAHAD2>javac FoodDeliver.java

D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAHAD2>java FoodDeliver
-----
      WELCOME TO FOODELIVER
      ORDER
      COMING
      EATNG
-----
Press any number only!
```



```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...
Microsoft Windows [Version 10.0.18362.959]
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D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAHAD2>javac FoodDeliver.java

D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAHAD2>java FoodDeliver
-----
      WELCOME TO FOODELIVER
      ORDER
      COMING
      EATNG
-----
Press any number only!
1
-----
      Noted
- If you dont follow the structure you
Will lose all your order and menu
- you will use only number except name food for resturant
-----
Press any number only!
-
```

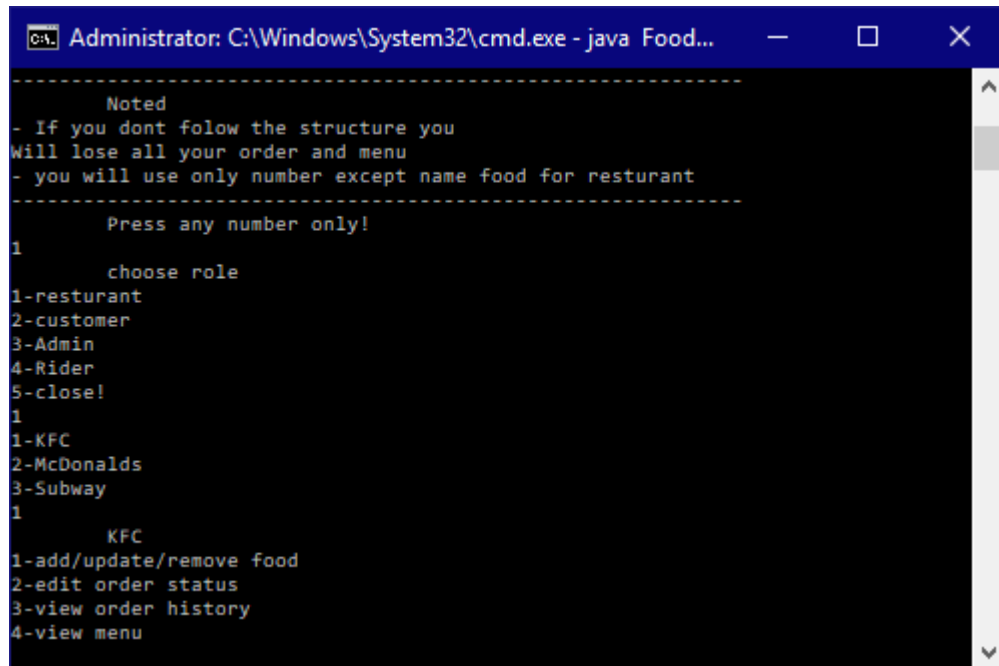
2) Menu. Choose your role.

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAHAD2>java FoodDeliver
-----
      WELCOME TO FOODELIVER
      ORDER
      COMING
      EATNG
      -----
      Press any number only!
1
-----
      Noted
- If you dont folow the structure you
Will lose all your order and menu
- you will use only number except name food for resturant
-----
      Press any number only!
1
      choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
```

3) 1 – Restaurant (KFC, McDonalds, Subway).

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
      ORDER
      COMING
      EATNG
      -----
      Press any number only!
1
-----
      Noted
- If you dont folow the structure you
Will lose all your order and menu
- you will use only number except name food for resturant
-----
      Press any number only!
1
      choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
```

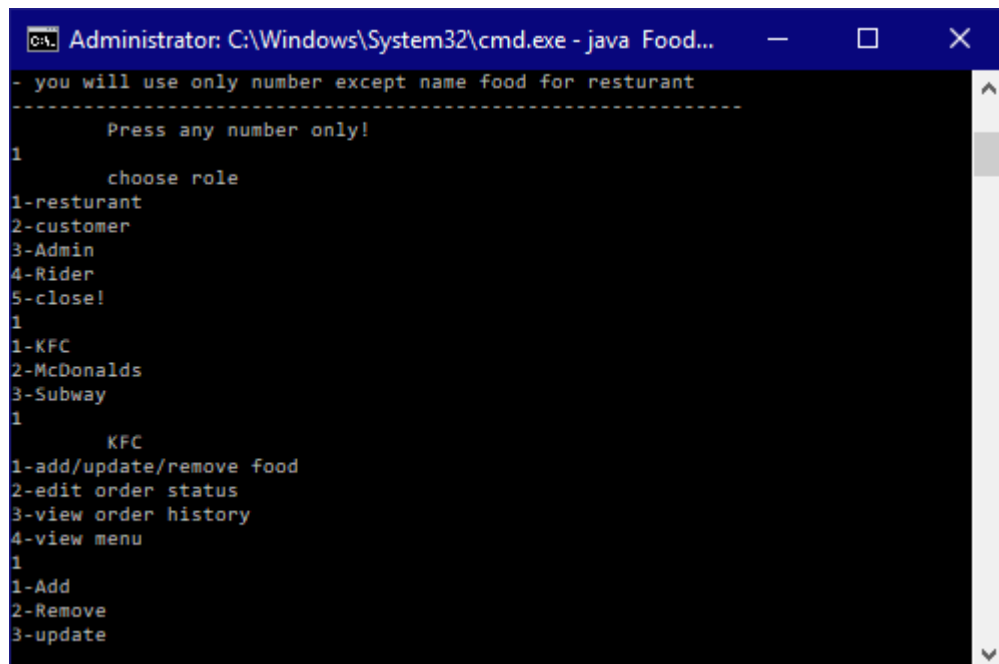
3.1) 1 – to add/update/remove food. 2 – to edit order status. 3 – to view order history. 4 – to view menu.



```
C:\Windows\System32\cmd.exe - java Food...

-----
      Noted
- If you dont folow the structure you
Will lose all your order and menu
- you will use only number except name food for resturant
-----
      Press any number only!
1
      choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
      KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
```

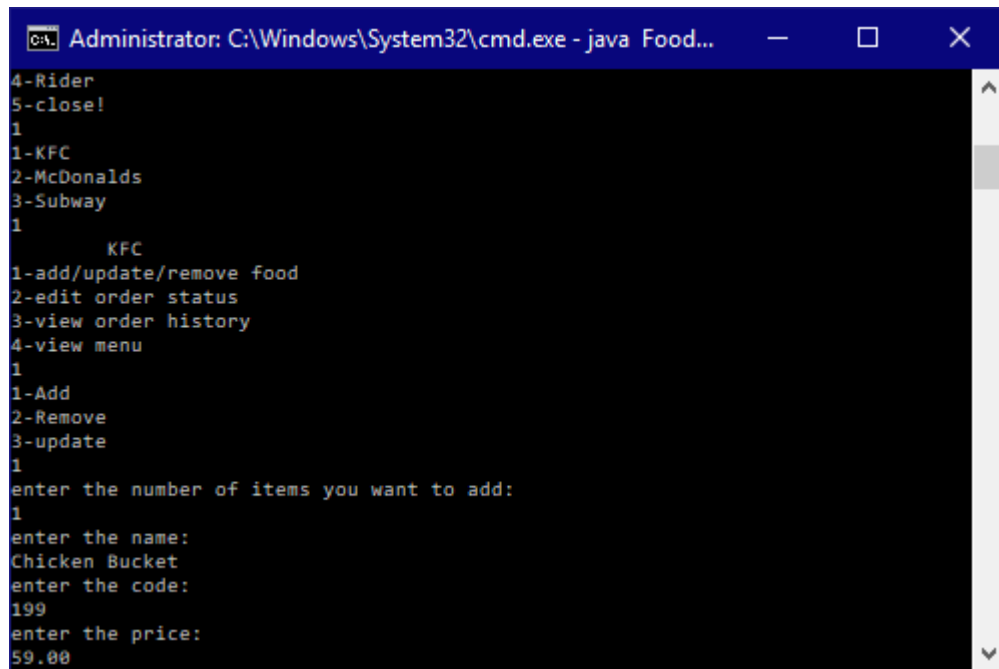
3.2) Add/update/remove food.



```
C:\Windows\System32\cmd.exe - java Food...

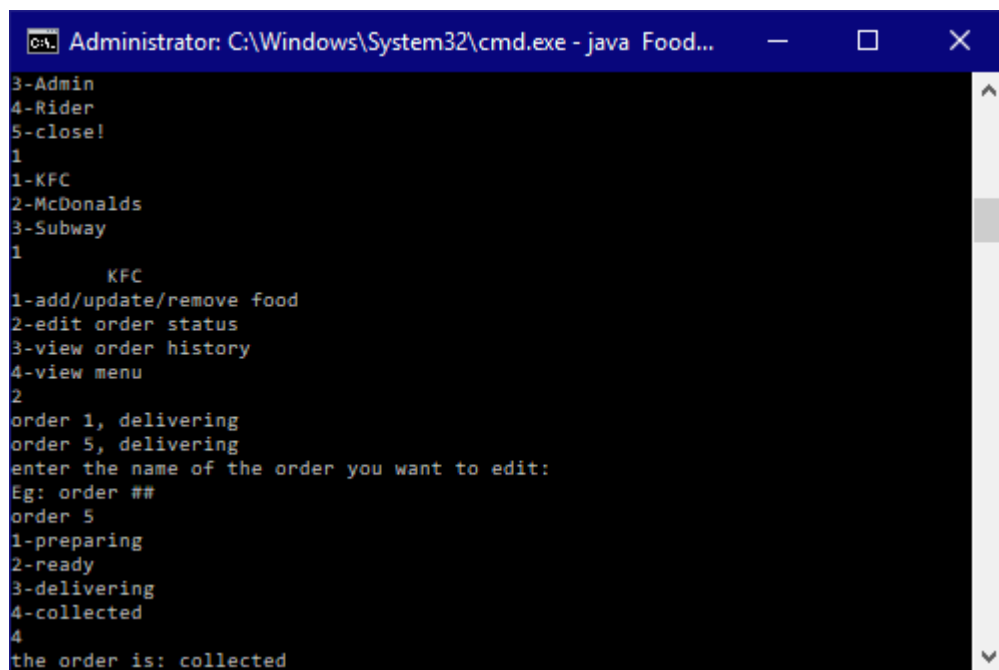
- you will use only number except name food for resturant
-----
      Press any number only!
1
      choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
      KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
1
1-Add
2-Remove
3-update
```

3.3) Add food. Enter number of items. Enter name of food. Enter code of food. Enter price of food.



```
C:\Windows\System32\cmd.exe - java Food...
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
    KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
1
1-Add
2-Remove
3-update
1
enter the number of items you want to add:
1
enter the name:
Chicken Bucket
enter the code:
199
enter the price:
59.00
```

3.4) Edit order status. Enter order number and then enter order status.



```
C:\Windows\System32\cmd.exe - java Food...
3-Admin
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
    KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
2
order 1, delivering
order 5, delivering
enter the name of the order you want to edit:
Eg: order ##
order 5
1-preparing
2-ready
3-delivering
4-collected
4
the order is: collected
```

3.5) Order view history.

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
1-preparing
2-ready
3-delivering
4-collected
4
the order is: collected
  choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
  KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
3
customer1 : order 1 , Fri Oct 23 13:33:13 SGT 2020
customer3 : order 5 , Fri Oct 23 13:33:13 SGT 2020
```

3.6) View menu

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
4-Rider
5-close!
1
1-KFC
2-McDonalds
3-Subway
1
  KFC
1-add/update/remove food
2-edit order status
3-view order history
4-view menu
4
  KFC Menu
-----
| CODE      | NAME           | PRICE |
-----
| 159       | Value Bucket  | 50.0  | RM
| 979       | Super Dinner  | 39.0  | RM
| 694       | Zinger Box    | 20.0  | RM
| 199       | Chicken Bucket| 59.0  | RM
```

```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...
3-view order history
4-view menu
4
    KFC Menu
-----
| CODE      NAME          PRICE |
-----
159         Value Bucket   50.0 RM
979         Super Dinner   39.0 RM
694         Zinger Box     20.0 RM
199         Chicken Bucket 59.0 RM

    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
2
1-new customer
2-old customer
```

4) 2 – Customer (new customer, old customer).

4.1) New customer. Enter customer name. Choose restaurant. And then 1 – to purchase food. 2- to view order. 3 – to view order status. 4 – to view order history.

```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...
199         Chicken Bucket   59.0 RM

    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
2
1-new customer
2-old customer
1
enter the customer name:
Abu

    Resturant List
1-KFC
2-McDonalds
3-Subway
1
    KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
```


4.2) Purchase food. Enter order number. Enter number of items to buy. Enter code of item/items. Choose self collect or delivery.

```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...

| CODE      NAME      PRICE |
-----|-----|
159      Value Bucket    50.0 RM
979      Super Dinner     39.0 RM
694      Zinger Box      20.0 RM
199      Chicken Bucket   59.0 RM

enter the number of items you want to buy:
1
enter the code of the item you want to buy:
199
1-self-collect
2-delivery
2
-----|-----|
| CODE      NAME      PRICE |
-----|-----|
199      Chicken Bucket   59.0 RM

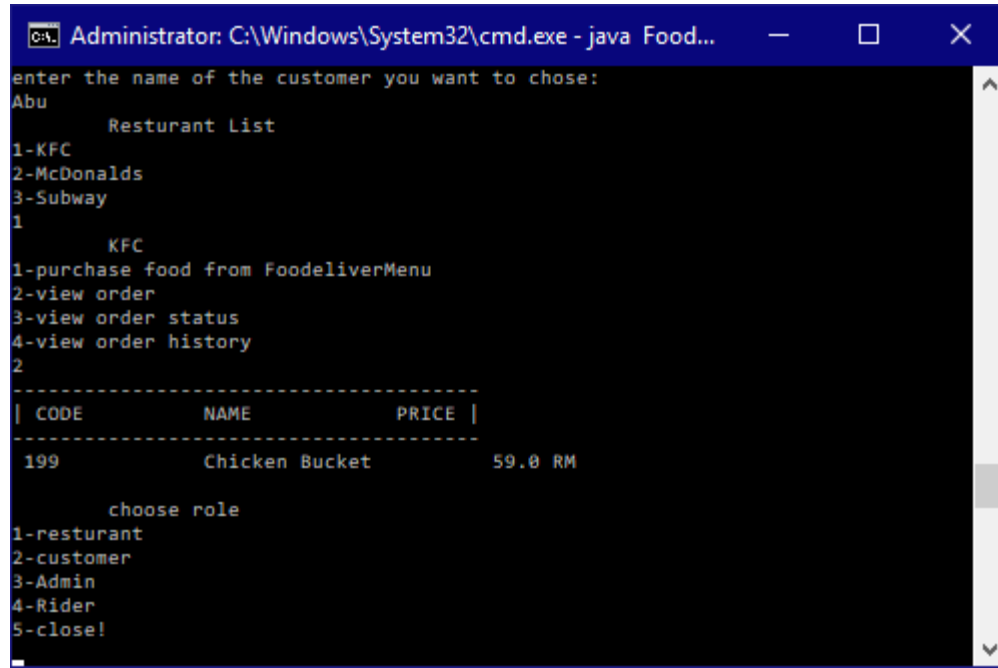
The total= 59.0
The order is: delivering
choose role
```

4.3) Old Customer. Enter name of customer.

```
C:\> Administrator: C:\Windows\System32\cmd.exe - java Food...

customer3
Abu
enter the name of the customer you want to chose:
the name you entered is wrong plese try again !
choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
2
1-new customer
2-old customer
2
customer1
customer2
customer3
Abu
enter the name of the customer you want to chose:
Abu
Resturant List
1-KFC
2-McDonalds
3-Subway
```

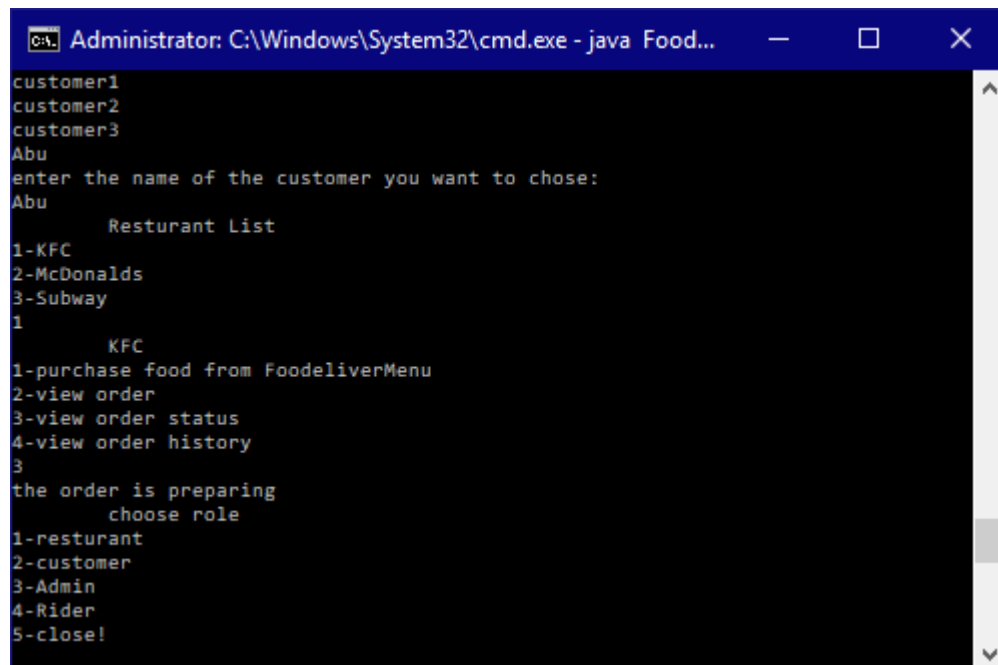
4.4) View order.



```
Administrator: C:\Windows\System32\cmd.exe - java Food...
enter the name of the customer you want to chose:
Abu
    Resturant List
1-KFC
2-McDonalds
3-Subway
1
    KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
2
-----
| CODE      NAME          PRICE |
-----
| 199      Chicken Bucket  59.0 RM
-----

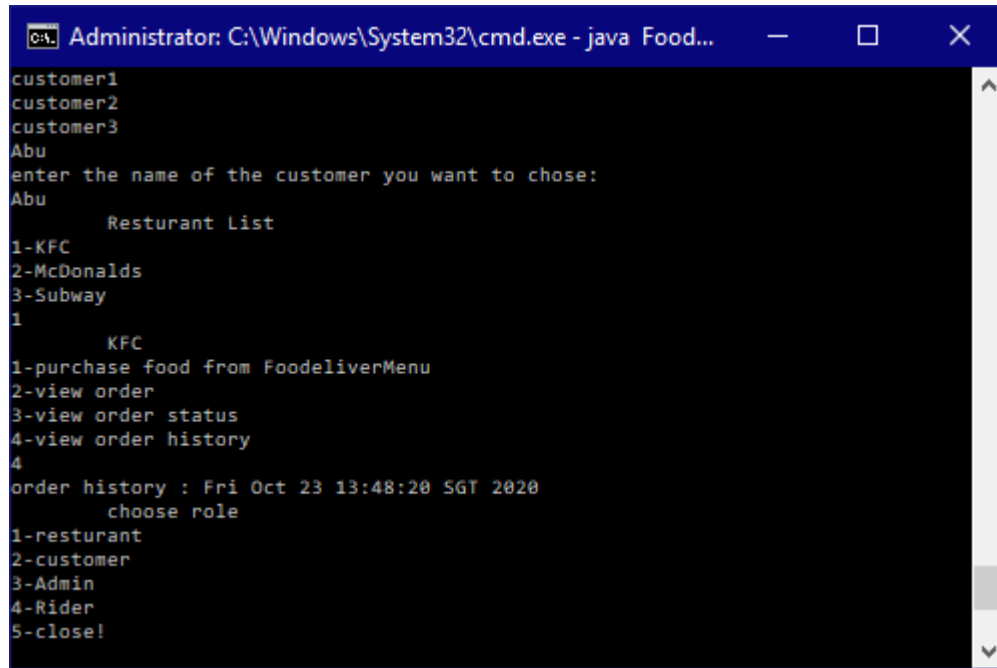
    choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
```

4.5) View order status.



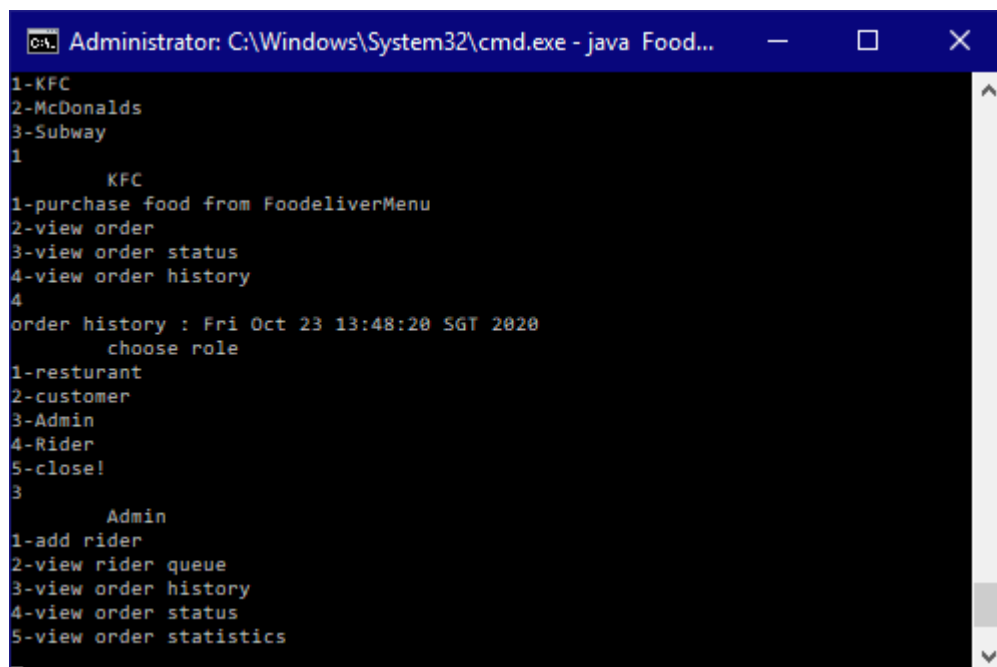
```
Administrator: C:\Windows\System32\cmd.exe - java Food...
customer1
customer2
customer3
Abu
enter the name of the customer you want to chose:
Abu
    Resturant List
1-KFC
2-McDonalds
3-Subway
1
    KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
3
the order is preparing
    choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
```

4.6) View order history



```
Administrator: C:\Windows\System32\cmd.exe - java Food...
customer1
customer2
customer3
Abu
enter the name of the customer you want to chose:
Abu
      Resturant List
1-KFC
2-McDonalds
3-Subway
1
      KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
4
order history : Fri Oct 23 13:48:20 SGT 2020
      choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
```

- 5) Admin. 1 – to add rider. 2 – to view rider queue. 3 – to view order history. 4 – to view order status. 5 – to view order statistics.



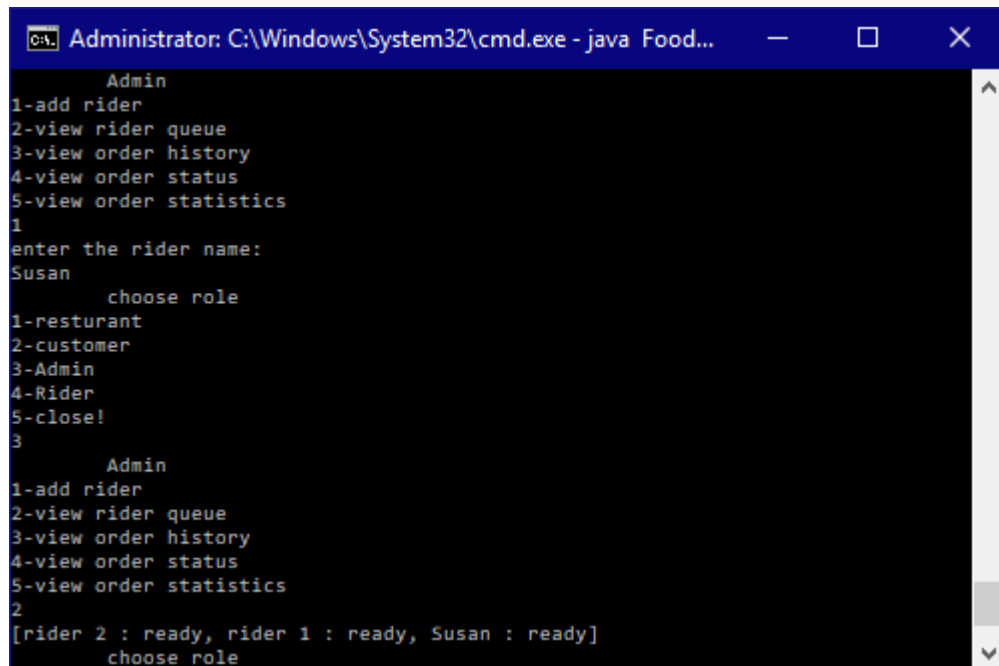
```
Administrator: C:\Windows\System32\cmd.exe - java Food...
1-KFC
2-McDonalds
3-Subway
1
      KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
4
order history : Fri Oct 23 13:48:20 SGT 2020
      choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
3
      Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
```

5.1) Add rider. Enter rider name.



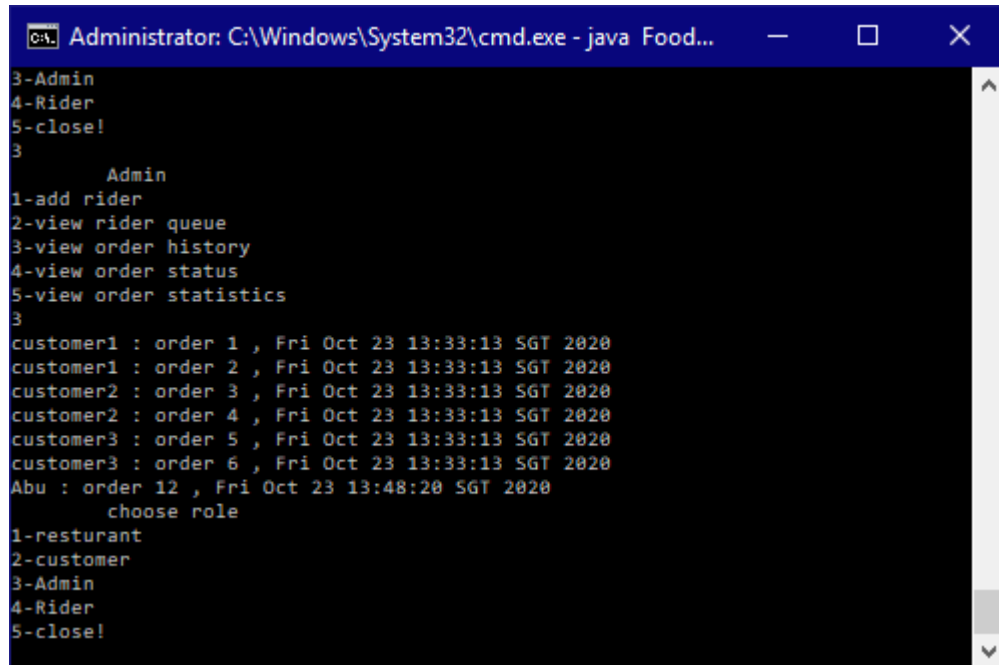
```
Administrator: C:\Windows\System32\cmd.exe - java Food...
1
    KFC
1-purchase food from FoodeliverMenu
2-view order
3-view order status
4-view order history
4
order history : Fri Oct 23 13:48:20 SGT 2020
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
3
    Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
1
enter the rider name:
Susan
    choose role
```

5.2) View rider queue.



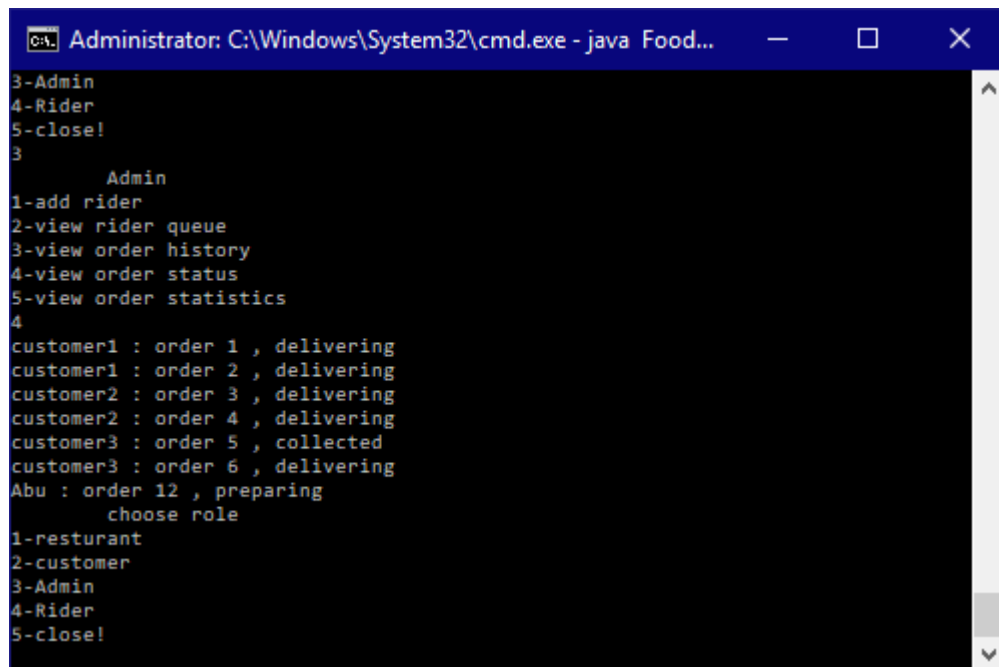
```
Administrator: C:\Windows\System32\cmd.exe - java Food...
    Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
1
enter the rider name:
Susan
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
3
    Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
2
[rider 2 : ready, rider 1 : ready, Susan : ready]
    choose role
```

5.3) View order history.



```
C:\Windows\System32\cmd.exe - java Food...
3-Admin
4-Rider
5-close!
3
    Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
3
customer1 : order 1 , Fri Oct 23 13:33:13 SGT 2020
customer1 : order 2 , Fri Oct 23 13:33:13 SGT 2020
customer2 : order 3 , Fri Oct 23 13:33:13 SGT 2020
customer2 : order 4 , Fri Oct 23 13:33:13 SGT 2020
customer3 : order 5 , Fri Oct 23 13:33:13 SGT 2020
customer3 : order 6 , Fri Oct 23 13:33:13 SGT 2020
Abu : order 12 , Fri Oct 23 13:48:20 SGT 2020
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
```

5.4) View order status.



```
C:\Windows\System32\cmd.exe - java Food...
3-Admin
4-Rider
5-close!
3
    Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
4
customer1 : order 1 , delivering
customer1 : order 2 , delivering
customer2 : order 3 , delivering
customer2 : order 4 , delivering
customer3 : order 5 , collected
customer3 : order 6 , delivering
Abu : order 12 , preparing
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
```

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
Abu : order 12 , preparing
      choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
3
      Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
5
SUB is the most selling restaurant with 0 total orders
Abu is the highest order amount customer with 1 total orders
rider 2 is the highest delivering rider with 0 total orders
      choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
```

5.5) View order statistics.

- 6) Rider (displays which rider is ready). 1 – to deliver order. 2 – to view order status. 3 – to view order history. 4 – to see queue.

```
Administrator: C:\Windows\System32\cmd.exe - java Food...
5-close!
3
      Admin
1-add rider
2-view rider queue
3-view order history
4-view order status
5-view order statistics
5
SUB is the most selling restaurant with 0 total orders
Abu is the highest order amount customer with 1 total orders
rider 2 is the highest delivering rider with 0 total orders
      choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
4
the currider is :rider 2 , ready
1-deliver the order
2-view order status
3-view order history
4-how many riders before you
```

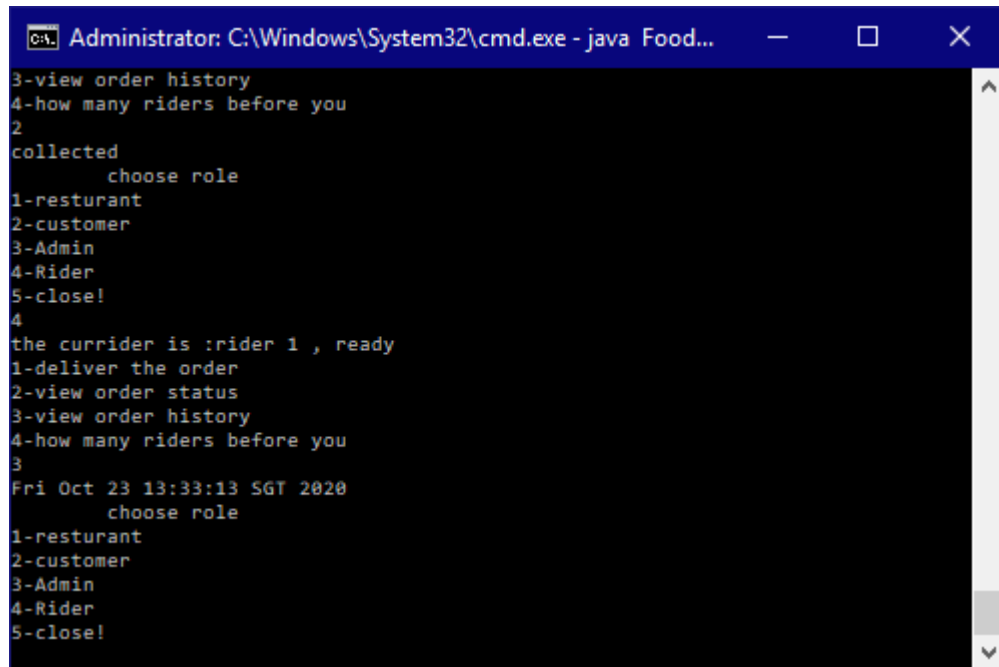
```
Administrator: C:\Windows\System32\cmd.exe - java Food...
the name you entered is wrong please try again !
    choose role
1-restaurant
2-customer
3-Admin

Administrator: C:\Windows\System32\cmd.exe - java Food...
enter the name of the order you want to deliver:
Eg: order ##
order 5
you're delivering this order
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
4
the currider is :rider 1 , ready
1-deliver the order
2-view order status
3-view order history
4-how many riders before you
2
collected
    choose role
1-restaurant
2-customer
3-Admin
4-Rider
5-close!
```

6.1) Deliver the order. Enter order number.

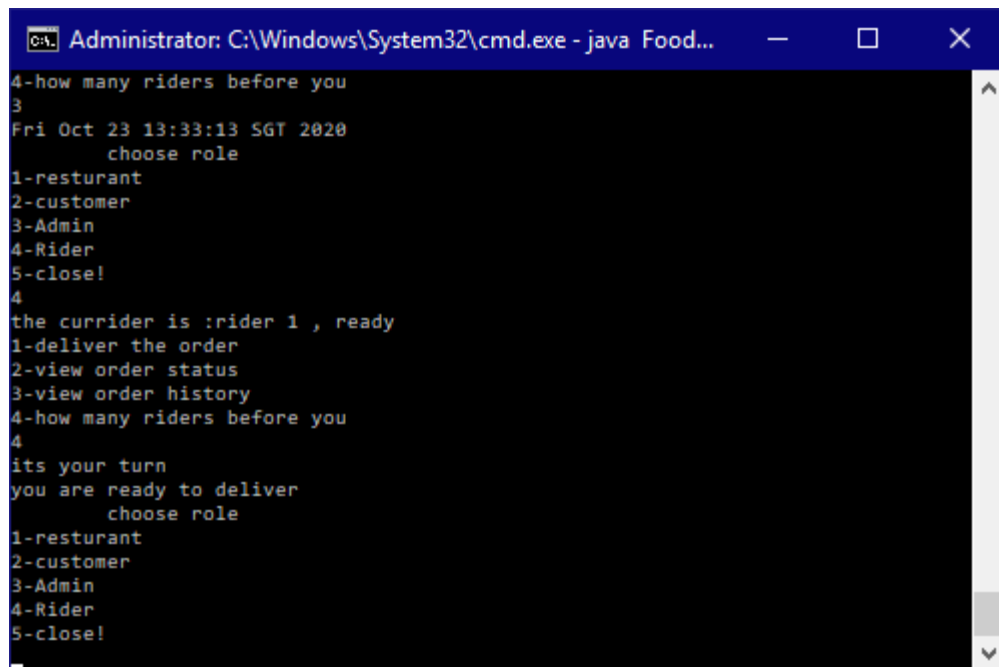
6.2) View order status.

6.3) View order history.



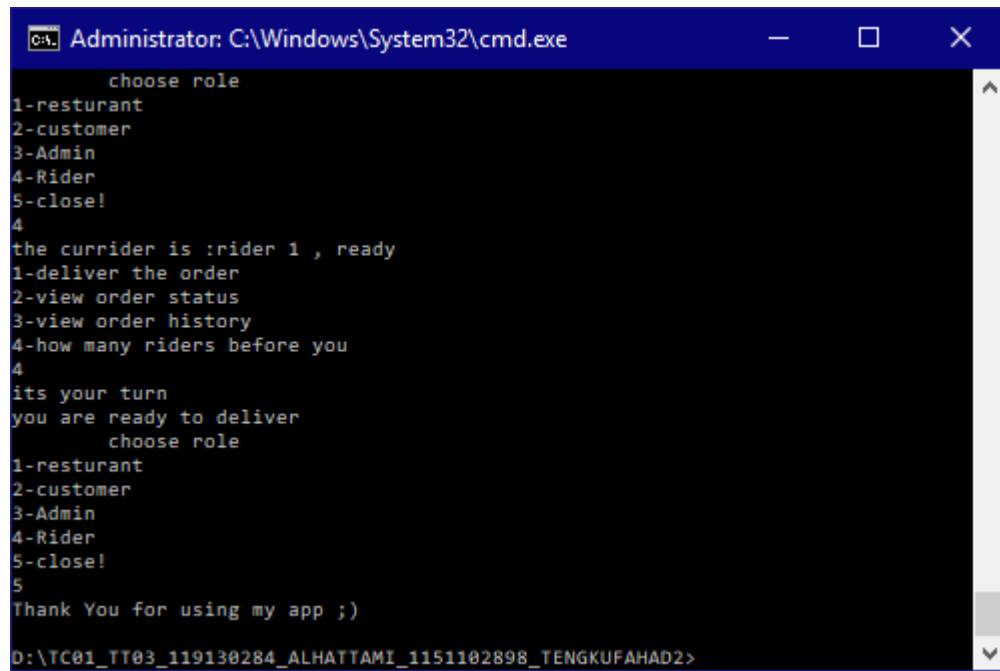
```
C:\Windows\System32\cmd.exe - java Food...
3-view order history
4-how many riders before you
2
collected
  choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
4
the currider is :rider 1 , ready
1-deliver the order
2-view order status
3-view order history
4-how many riders before you
3
Fri Oct 23 13:33:13 SGT 2020
  choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
```

6.4) How many riders before you? Check queue.



```
C:\Windows\System32\cmd.exe - java Food...
4-how many riders before you
3
Fri Oct 23 13:33:13 SGT 2020
  choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
4
the currider is :rider 1 , ready
1-deliver the order
2-view order status
3-view order history
4-how many riders before you
4
its your turn
you are ready to deliver
  choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
```


7) Close.



```
Administrator: C:\Windows\System32\cmd.exe
choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
4
the currider is :rider 1 , ready
1-deliver the order
2-view order status
3-view order history
4-how many riders before you
4
its your turn
you are ready to deliver
choose role
1-resturant
2-customer
3-Admin
4-Rider
5-close!
5
Thank You for using my app ;)
D:\TC01_TT03_119130284_ALHATTAMI_1151102898_TENGKUFAD2>
```