



İZMİR UNIVERSITY OF ECONOMICS

Project: Gas Station Simulate

Project Name: SuccesStation

Lecturer: Ilker KORKMAZ

Group Members:

- » Mustafa SARIGÜL [20160602112]
- » Mehmet Aydın KICIRTI [20160602105]
- » İsmail Alp SEL [20160602114]
- » Mehmet Emir ÖZÇUPUR [20160602140]

SuccesStation

Perfomed Platform: Eclipse

Language: Java

The purpose of project is to increase the efficiency of the station, to be able to integrate all the system of the station and to be able support employees' tasks in station in daily routine.

State The Services Offered Project:

The project of main class consists of two parts as manager and customer.

Customer part has two more parts as ordinary customer and registered customer.

Manager part has seven parts as learning section, three changing costs section, displaying summary of day, adding registered customer in list of customer and display registered customer and their cars information.

In the project, ordinary customer and registered customer can get service same platform and they can give up until the last moment of sale.

The managers can check these cancels and accepts, always change with manager parts and display all information easily.

The manager sets the costs of each type of fuel, at the beginning of the installation. Manager can change after installation in manager menu.

Briefly Explain The Code:

The codes of the project lots of decision statements and loop because one of aim the project that user should not be confused in the project. Every part of codes has warning and information message.

Firstly, code wants to manager first configuration cost of fuels. After, code enters the infinite loop because for new customers. This loop has main sections. Then, there is display main menu and code selects in main menu with switch statements.

Firstly, codes sells fuel to unregistered customer with selection between one to three.

In this statement, (selection fourth), code wants to customer id and sells the fuel to registered customer with the correct customer id (in another switch statement that created in selection fourth).

Then at the infinite loop, code accesses ninth section. This section is manager part. Code has one more loop here because code needs to else section else section. Codes accesses the manager menu with password by if statement.

Manager section has another menu, so code has another switch statement here. After this point, declared and defined by programmer with case of switch statements:

display cancels and accepts, change costs of fuel, summary of day, register new customer and add the list and lastly display all information belong to all customer.

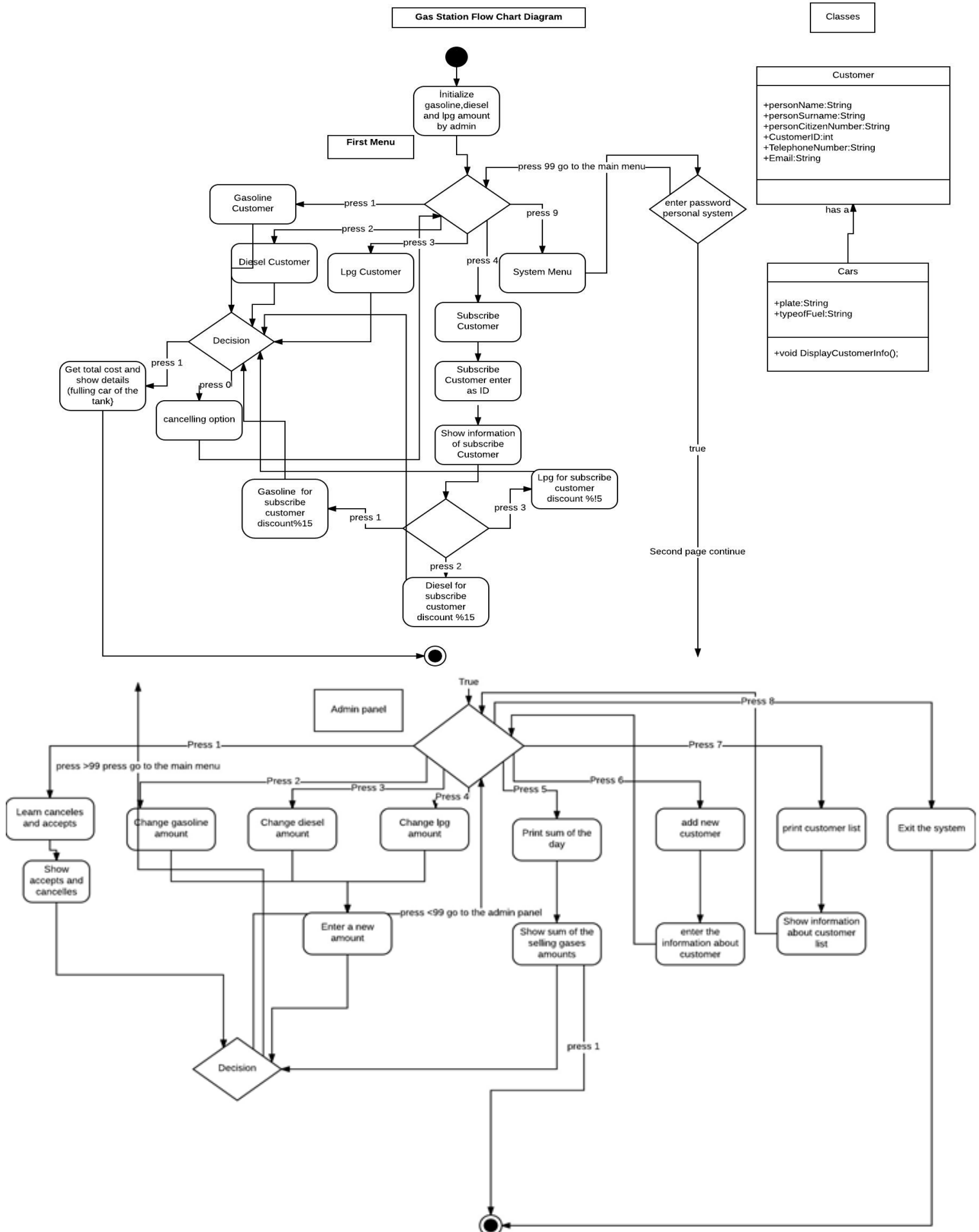
Then, in base switch (main menu switch) case has exiting codes with case of switch that created top of the code by entering 1923 and closing scanner. After, has default of main menu.

End of the code, code has methods belong to main class.

Project has three classes Customer class (abstract) has customers name, surname, citizen number, customer id, telephone number and e mail adress data members. The class has method display information by using these data members.

Another class is Cars. The class has less data memeber belong to registered customer. These data members : cars plate and type of fuel. Programmer created object in Main class with constructor that declared and defined in this class. Lastly, the class has method that overrided to Cars display method by using have data members.

UML CLASS DIAGRAMS OF PROJECT



1

```

-----
WELCOME TO AUTOFULLER
This screen belong to authorized person.
This screen wont show any one more times.
So, we must do some configuration.
We firstly configuration fuel of type cost.
-----

```

```

Firstly enter a cost of gasoline for configure:
5,60
Secondly enter a cost of diesel for configure :
5,15
Third enter a cost of gas for configure:
3,00
Okey type of fuel configured.

```

It has been set the costs of fuel.

2

```

-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----
1
How Much Liters GASOLINE Do You Want To Buy ?(Cost = 5.6)
10
You will take 10 liters GASOLINE and will pay 56.0 TL for GASOLINE...

Attantion Note : GASOLINE Cost is 5.6 TL per liter.

Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
1
Your tank is fulling with gasoline.Wait!
-----

```

Ordinary customer bought gasoline.

3

```

-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----
2
How Much Liters DIESEL Do You Want To Buy ?(Cost = 5.15)
15
You will take 15 liters DIESEL and will pay 77.25 TL for DIESEL...
Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
1
Your tank is fulling with diesel.Wait!
-----

```

Ordinary customer bought diesel.

4

```

-----
      /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

      Press to 9 for System Menu
-----
3
How Much Liters GAS Do You Want To Buy ?(Cost = 3.0)
5
You will take 5 liters GAS and will pay 15.0 TL for GAS...
Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
0
Your selling has been canceled!
-----

```

**Ordinary customer did not bought gas.
Has been cancelled by customer.**

5

```

-----
      /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

      Press to 9 for System Menu
-----
4
Please enter Subscribe ID :
1234
-----
Customer ID: 1234
Person Name :Mustafa
Person Surname :Sarigül
Person Citizen Number :12345678910
Customer Telephon Number: 054341234567
Customer Email : project@gmail.com
Car Plate: 35A35
Car Type Of Plate :Gasoline
-----
Welcome Mustafa
-----
      /////WHAT DO YOU GET SUBSCRIBE?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

-----
1
How Much Liters GASOLINE Do You Want To Buy ?(Cost = 4.76)
5
You will take 5 liters GASOLINE and will pay 23.799999999999997 TL for GASOLINE...

Attantion Note : GASOLINE Cost is 4.76 TL per liter.(Discount : %15)

Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
1
Your tank is fulling with gasoline.Wait!
-----

```

Registered customer bought gasoline.

```
-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----
4
Please enter Subcribe ID :
1234
-----
Customer ID: 1234
Person Name :Mustafa
Person Surname :Sarigül
Person Citizen Number :12345678910
Customer Telephon Number: 054341234567
Customer Email : project@gmail.com
Car Plate: 35A35
Car Type Of Plate :Gasoline
-----
Welcome Mustafa
-----
/////WHAT DO YOU GET SUBSCRIBE?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

-----
2
How Much Liters DIESEL Do You Want To Buy ?(Cost = 4.3775)
5
You will take 5 liters Diesel and will pay 21.88750000000003 TL for DIESEL...

Attantion Note : Diesel Cost is 4.3775 TL per liter.(Discount : %15)

Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
0
Your selling has been canceled!
-----
```

**Registered customer did not bought diesel.
Has been cancelled by customer**

```

-----
    /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER please enter 4.

    Press to 9 for System Menu
-----
9
Please enter password for Personal System...:
If you want to go main menu please enter [99] !!!
1903

    ---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
1
Total accepts: 3
Total cancels: 2
Press to 99 for go back
If you enter a value other than 99,you will direct to main menu.For:Security
99
Please enter password for PS.:
If you want to go main menu please enter [99] !!!
1903

    ---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.

```

Displayed cancels and accepts.
In personal system menu with password.


```
---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.

2
Cost is 5.6TL.
Enter a new cost:
6,1
New gasoline cost:6.1
Gasoline cost has been changed
Press to 99 for go back
If you enter a value other than 99,you will direct to main menu.For:Security
99
Please enter password for PS.:
If you want to go main menu please enter [99] !!!
1903

---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
```

Changed cost of gasoline.

```
---You are in the Personal System---  
  
- Press to 1 Learn Canneles and Accepts.  
- Press to 2 change the cost of gasoline.  
- Press to 3 change the cost of diesel.  
- Press to 4 change the cost of gas.  
- Press to 5 print the summary of day.  
- Press to 6 add customer to customer list.  
- Press to 7 print the customer information.  
Press to 99 go to menu.  
3  
Cost is 5.15TL.  
Enter a new cost:  
5,65  
New diesel cost:5.65  
Gasoline cost has been changed  
Press to 99 for go back  
If you enter a value other than 99,you will direct to password screen.For:Security  
99  
Please enter password for PS.:  
If you want to go main menu please enter [99] !!!  
1903
```

```
---You are in the Personal System---  
  
- Press to 1 Learn Canneles and Accepts.  
- Press to 2 change the cost of gasoline.  
- Press to 3 change the cost of diesel.  
- Press to 4 change the cost of gas.  
- Press to 5 print the summary of day.  
- Press to 6 add customer to customer list.  
- Press to 7 print the customer information.  
Press to 99 go to menu.
```

Changed cost of diesel.

```
---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
4
Cost is 3.0TL.
Enter a new cost:
3,50
New diesel cost:3.5
Gasoline cost has been changed
If you enter a value other than 99,you will direct to main menu.For:Security
Press to 99 for go back
99
Please enter password for PS.:
If you want to go main menu please enter [99] !!!
1903
```

```
---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
```

Changed cost of gas.

```
---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
5
- Today sales of GASOLINE liters : 15
- Today sales of DIESEL liters : 15
- Today sales of GAS liters : 0
+ Today sales of GASOLINE cost : 79.8
+ Today sales of DIESEL cost : 77.25
+ Today sales of GAS cost : 0.0

Press to 99 for go back
If you enter a value other than 99,you will direct to main menu.For:Security
99
Please enter password for PS.:
If you want to go main menu please enter [99] !!!
1903
```

```
---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
```

Displayed summary of day in manager menu.

---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.

Press to 99 go to menu.

6

Please enter Customer Name:

İsmail Alp

Please enter Customer Surname:

Sel

Please enter Customer Citizen Number:

11122233345

Please enter Customer ID:

0196

Please enter Customer Telephone Number :

05351112233

Please enter Customer E Mail Adress :

ismail_alp_sel@gmail.com

Please enter Car Plate:

35AOG35

Please enter Type Of Fuel :

Diesel

| 2. Customer Added.

/////WHAT DO YOU GET?/////

If you are get Gasoline,please enter 1.

If you are get Diesel,please enter 2.

If you are get Gas,please enter 3.

If you are SUBCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu

Added new registered customer in list.

```

-----
    /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBCRIBE CUSTOMER plase enter 4.

    Press to 9 for System Menu
-----
4
Please enter Subcribe ID :
0196
-----
Customer ID: 196
Person Name : İsmail Alp
Person Surname : Sel
Person Citizen Number : 11122233345
Customer Telephon Number: 05351112233
Customer Email : ismail_alp_sel@gmail.com
Car Plate: 35A0G35
Car Type Of Plate : Diesel
-----
Welcome İsmail Alp
-----
    /////WHAT DO YOU GET SUBCRIBE?/////
    If you are get Gasoline,please enter 1.
    If you are get Diesel,please enter 2.
    If you are get Gas,please enter 3.

-----
2
How Much Liters DIESEL Do You Want To Buy ?(Cost = 4.8025)
10
You will take 10 liters Diesel and will pay 48.025000000000006 TL for DIESEL...

Attantion Note : Diesel Cost is 4.8025 TL per liter.(Discount : %15)

Are you sure?
If you want to continue ,please enter 1 OR you can cancel the selling by enter 0.
1
Your tank is fulling with diesel.Wait!
-----

```

New registered customer bought diesel.

---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
 - Press to 2 change the cost of gasoline.
 - Press to 3 change the cost of diesel.
 - Press to 4 change the cost of gas.
 - Press to 5 print the summary of day.
 - Press to 6 add customer to customer list.
 - Press to 7 print the customer information.
- Press to 99 go to menu.

7

Printing Customer And Their information :

1. Customer Information :

```
-----
Customer ID: 1234
Person Name :Mustafa
Person Surname :Sarigül
Person Citizen Number :12345678910
Customer Telephon Number: 054341234567
Customer Email : project@gmail.com
Car Plate: 35A35
Car Type Of Plate :Gasoline
-----
```

2. Customer Information :

```
-----
Customer ID: 196
Person Name : İsmail Alp
Person Surname : Sel
Person Citizen Number : 11122233345
Customer Telephon Number: 05351112233
Customer Email : ismail_alp_sel@gmail.com
Car Plate: 35A0G35
Car Type Of Plate : Diesel
-----
```

/////WHAT DO YOU GET?/////

If you are get Gasoline,please enter 1.

If you are get Diesel,please enter 2.

If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu

**Displayed all customer
and their information.**

15

```

-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----
5
-----Wrong Entered Value In Main Menu.-----
-----Please Try Again-----
-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----

```

**Entered undefined number
in main menu.**

16

```

-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----
4
Please enter Subcribe ID :
1111
You entered uncorrect customer ID.
You will go to main menu. Please access the manager
-----
/////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

Press to 9 for System Menu
-----

```

**Entered undefined number in
sales to registered customer.**


```
-----  
      /////WHAT DO YOU GET?/////  
If you are get Gasoline,please enter 1.  
If you are get Diesel,please enter 2.  
If you are get Gas,please enter 3.  
  
If you are SUBSCRIBE CUSTOMER plase enter 4.  
  
      Press to 9 for System Menu  
-----  
9  
Please enter password for Personal System...:  
If you want to go main menu please enter [99] !!!  
0000  
-----  
You entered wrong password.  
Please Try Again  
If you want to go back PLEASE PRESS [99] !!!!  
Password:  
0000  
-----  
You entered wrong password.  
Please Try Again  
If you want to go back PLEASE PRESS [99] !!!!  
Password:  
1903  
  
      ---You are in the Personal System---  
  
- Press to 1 Learn Canneles and Accepts.  
- Press to 2 change the cost of gasoline.  
- Press to 3 change the cost of diesel.  
- Press to 4 change the cost of gas.  
- Press to 5 print the summary of day.  
- Press to 6 add customer to customer list.  
- Press to 7 print the customer information.  
Press to 99 go to menu.
```

**Entered incorrect password.
(Password asks until press 99.)**

```

-----
      /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

      Press to 9 for System Menu
-----
9
Please enter password for Personal System...:
If you want to go main menu please enter [99] !!!
1903

      ---You are in the Personal System---

- Press to 1 Learn Canneles and Accepts.
- Press to 2 change the cost of gasoline.
- Press to 3 change the cost of diesel.
- Press to 4 change the cost of gas.
- Press to 5 print the summary of day.
- Press to 6 add customer to customer list.
- Press to 7 print the customer information.
Press to 99 go to menu.
99
-----
      /////WHAT DO YOU GET?/////
If you are get Gasoline,please enter 1.
If you are get Diesel,please enter 2.
If you are get Gas,please enter 3.

If you are SUBSCRIBE CUSTOMER plase enter 4.

      Press to 9 for System Menu
-----
1923
1903

```

**Entered 99 in manager menu
and went to main menu.**

**Lastly,entered 1923 in main menu and
entered password at present after,
1923 and terminated the program.**

Comments:

This project can be easily implemented because project does not need to complex structure. We have had lots of problem while coding part of subcribe customer and CustomerList. There are many problems belong to local and public iterators of array list in code. We solved these prolems. Our solution way that to code from the beginning clearly, comprehensibly and step by step. We are glad to have open-ended project.

Codes of PROJECT:

```
package Project;

public abstract class Customer {

    protected String PersonName;

    protected String PersonSurname;

    protected String PersonCitizenNumber;

    private int CustomerID;

    private String TelephoneNumber;

    private String Email;


    public Customer(String personName, String personSurname, String
personCitizenNumber, int customerID,

                    String telephoneNumber, String email) {

        super();

        PersonName = personName;

        PersonSurname = personSurname;

        PersonCitizenNumber = personCitizenNumber;
```

```
        CustomerID = customerID;
        TelephoneNumber = telephoneNumber;
        Email = email;
    }

    public int getCustomerID() {
        return CustomerID;
    }

    public String getPersonName() {
        return PersonName;
    }

    public void setPersonName(String personName) {
        PersonName = personName;
    }

    public String getPersonSurname() {
        return PersonSurname;
    }

    public void setPersonSurname(String personSurname) {
        PersonSurname = personSurname;
    }

    public String getPersonCitizenNumber() {
        return PersonCitizenNumber;
    }

    public void setPersonCitizenNumber(String personCitizenNumber) {
        PersonCitizenNumber = personCitizenNumber;
    }
}
```

```

    public void setCustomerID(int customerID) {
        CustomerID = customerID;
    }

    public String getTelephoneNumber() {
        return TelephoneNumber;
    }

    public void setTelephoneNumber(String telephoneNumber) {
        TelephoneNumber = telephoneNumber;
    }

    public String getEmail() {
        return Email;
    }

    public void setEmail(String email) {
        Email = email;
    }

    public void DisplayCustomerInfo() {

        System.out.println("Customer Telephone Number: " +
getTelephoneNumber());

        System.out.println("Customer Email : " + getEmail());
    }
}

package Project;

public class Cars extends Customer {
    private String Plate;

```

```

private String TypeOfFuel;

    public Cars(String personName, String personSurname, String personCitizenNumber,
int customerID,

                String telephoneNumber, String email, String plate, String typeOfFuel)
{
    super(personName, personSurname, personCitizenNumber, customerID,
telephoneNumber, email);
    Plate = plate;
    TypeOfFuel = typeOfFuel;
}

public String getPlate() {
    return Plate;
}

public void setPlate(String plate) {
    Plate = plate;
}

public String getTypeOfFuel() {
    return TypeOfFuel;
}

public void setTypeOfFuel(String typeOfFuel) {
    TypeOfFuel = typeOfFuel;
}

@Override
public void DisplayCustomerInfo() {
    System.out.println("-----");
    System.out.println("Customer ID: " + getCustomerID());
    System.out.println("Person Name :" + PersonName);
}

```

```

        System.out.println("Person Surname : " + PersonSurname);
        System.out.println("Person Citizen Number : " + PersonCitizenNumber);
        System.out.println("Customer Telephon Number: " + getTelephoneNumber());
        System.out.println("Customer Email : " + getEmail());
        System.out.println("Car Plate: " + getPlate());
        System.out.println("Car Type Of Plate : " + getTypeOfFuel());
        System.out.println("-----");
    }
}

```

```

/*
 * *Created by Mustafa SARIGÜL
 *      İsmail Alp SEL
 *      Mehmet Emir ÖZÇOPUR
 *      Mehmet Aydın KICIRTI
 *
 *   Finished the 17.12.2017 18:08(06:08 p.m).
 */

```

```

package Project;

```

```

import java.util.ArrayList;
import java.util.Scanner;

```

```

public class Main {
    // initialize
    static int choice;
    static int i;
    static int quantitySelectionGasoline;
    static int quantitySelectionDiesel;
    static int quantitySelectionGas;
    static int DesicionGasoline;
    static int DesicionDiesel;
}

```

```

static int DesicionGas;

public int SystemMainMenu;

public static int pass = 1903;

public static int GoBack, GoBack1, GoBack2, GoBack3;

static double CheckCost, CheckCost1, CheckCost2, CheckTerminate;

public static int SelectionManagerMenu;

static int counter_c;

static int counter_a;

static double gasoline_cost;

static double diesel_cost;

static double gas_cost;

public static int total_gasoline_liter, total_diesel_liter, total_gas_liter = 0;

public static double sum_diesel_cost, sum_gasoline_cost, sum_gas_cost = 0;

public static boolean flag1;


public static void main(String[] args) {

    Scanner input = new Scanner(System.in); // Scanner Created

    WelcomeMenu();// Configured the cost of fuel

    System.out.println(" Firstly enter a cost of gasoline for configure: ");
    gasoline_cost = input.nextDouble();

    System.out.println(" Secondly enter a cost of diesel for configure :");
    diesel_cost = input.nextDouble();

    System.out.println(" Third enter a cost of gas for configure: ");
    gas_cost = input.nextDouble();

    System.out.println(" Okey type of fuel configured.");

    System.out.println(" ");

    // ArrayList Keeping Customer Information.

    ArrayList<Customer> CustomerList = new ArrayList<Customer>();

    // Created Customer with by constructor

    Cars TryCar = new Cars("Mustafa", "SARIGÜL", "12345678910", 1234,
"05431234567", "project@gmail.com", "35A35",
    "Gasoline");

```



```

TryCar.setPersonName("Mustafa");
TryCar.setPersonSurname("Sarigül");
TryCar.setPersonCitizenNumber("12345678910");
TryCar.setCustomerID(1234);
TryCar.setTelephoneNumber("054341234567");
TryCar.setEmail("project@gmail.com");
TryCar.setPlate("35A35");
TryCar.setTypeOfFuel("Gasoline");
// Add the Car to ArrayList
CustomerList.add(TryCar);

for (;;) { // Contain Base Reputation
    MainMenu(); // Display Main Menu
    choice = input.nextInt();
    // Selection Main Menu
    switch (choice) {
        // SALES GASOLINE FOR UNCUSTOMERS
        case 1:
            System.out.println(" How Much Liters GASOLINE Do You
Want To Buy ?" + "(Cost = " + gasoline_cost + ")");
            quantitySelectionGasoline = input.nextInt();
            if (quantitySelectionGasoline == 0) { // Validation Zero Taken
                System.out.println("You entered 0. Zero can not taking !
Please Be Careful :)");
                break;
            }
            sum_gasoline_cost = sum_gasoline_cost +
(quantitySelectionGasoline * gasoline_cost);
            total_gasoline_liter = quantitySelectionGasoline +
total_gasoline_liter;
            System.out.println(" You will take " +
quantitySelectionGasoline + " liters GASOLINE and will pay "
+ quantitySelectionGasoline * gasoline_cost + "
TL for GASOLINE...");

```

```

        System.out.println(" ");
        System.out.println(" Attantion Note : GASOLINE Cost is " +
gasoline_cost + " TL per liter. ");
        System.out.println(" ");
        System.out.println(" Are you sure?");
        System.out
                                .println(" If you want to continue ,please enter 1
OR you can cancel the selling by enter 0.");
        DesicionGasoline = input.nextInt();
        // Selection Part Cancel or Accept the buying of fuel
        switch (DesicionGasoline) {
        case 1:
            System.out.println(" Your tank is fulling with
gasoline.Wait!");
            System.out.println(" -----
");
            counter_a++;
            break;
        case 0:
            System.out.println(" Your selling has been canceled!");
            System.out.println(" -----
");
            counter_c++;
            total_gasoline_liter = total_gasoline_liter -
quantitySelectionGasoline;
            sum_gasoline_cost = sum_gasoline_cost -
(quantitySelectionGasoline * gasoline_cost);
            break;
        default:
            System.out.println(" ! PLEASE PRESS 1 OR 0.DO NOT
ENTER A VALUE OTHER THAN 1 AND 0!");
            total_gasoline_liter = total_gasoline_liter -
quantitySelectionGasoline;
            sum_gasoline_cost = sum_gasoline_cost -
(quantitySelectionGasoline * gasoline_cost);
        }

```

```

        break;

// SALES DIESEL FOR UNCUSTOMERS

case 2:

    System.out.println(" How Much Liters DIESEL Do You Want
To Buy ?" + "(Cost = " + diesel_cost + ")");

    quantitySelectionDiesel = input.nextInt();

    if (quantitySelectionDiesel == 0) {/// Validation Zero Taken

        System.out.println("You entered 0. Zero can not taking !
Please Be Careful :)");

        break;

    }

    sum_diesel_cost = sum_diesel_cost + (quantitySelectionDiesel *
diesel_cost);

    total_diesel_liter = quantitySelectionDiesel + total_diesel_liter;

    System.out.println(" You will take " + quantitySelectionDiesel +
" liters DIESEL and will pay "

        + quantitySelectionDiesel * diesel_cost + " TL
for DIESEL...");

    System.out.println(" Are you sure?");

    System.out

        .println(" If you want to continue ,please enter 1
OR you can cancel the selling by enter 0.");

    DesicionDiesel = input.nextInt();

    // Selection Part Cancel or Accept the buying of fuel

    switch (DesicionDiesel) {

    case 1:

        System.out.println(" Your tank is fulling with
diesel.Wait!");

        System.out.println(" -----

");

        counter_a++;

        break;

    case 0:

        System.out.println(" Your selling has been canceled!");

```

```

        System.out.println(" -----");
    );

    counter_c++;

    total_diesel_liter = total_diesel_liter -
quantitySelectionDiesel;

    sum_diesel_cost = sum_diesel_cost -
(quantitySelectionDiesel * diesel_cost);

    break;

    default:

        System.out.println("PLEASE PRESS 1 OR 0.DO NOT
ENTER A VALUE OTHER THAN 1 AND 0!");

        total_diesel_liter = total_diesel_liter -
quantitySelectionDiesel;

        sum_diesel_cost = sum_diesel_cost -
(quantitySelectionDiesel * diesel_cost);

    }

    break;

// SALES GAS FOR UNCUSTOMERS

case 3:

    System.out.println(" How Much Liters GAS Do You Want To
Buy ?" + "(Cost = " + gas_cost + ")");

    quantitySelectionGas = input.nextInt();

    if (quantitySelectionGas == 0) { // Validation Zero Taken

        System.out.println("You entered 0. Zero can not taking !
Please Be Careful :)");

        break;

    }

    sum_gas_cost = sum_gas_cost + (quantitySelectionGas *
gas_cost);

    total_gas_liter = quantitySelectionGas + total_gas_liter;

    System.out.println(" You will take " + quantitySelectionGas + "
liters GAS and will pay "

        + quantitySelectionGas * gas_cost + " TL for
GAS...");

    System.out.println(" Are you sure?");

    System.out

```

```

        .println(" If you want to continue ,please enter 1
OR you can cancel the selling by enter 0.");

        DesicionGas = input.nextInt();

        // Selection Part Cancel or Accept the buying of fuel
        switch (DesicionGas) {
        case 1:
            System.out.println(" Your tank is fulling with
gas.Wait!");

            System.out.println(" -----

");

            counter_a++;

            break;
        case 0:
            System.out.println(" Your selling has been canceled!");
            System.out.println(" -----

");

            counter_c++;

            total_gas_liter = total_gas_liter - quantitySelectionGas;
            sum_gas_cost = sum_gas_cost - (quantitySelectionGas *
gas_cost);

            break;
        default:
            System.out.println(" PLEASE PRESS 1 OR 0.DO NOT
ENTER A VALUE OTHER THAN 1 AND 0!");
        }

        break;

// SALES GAS FOR CUSTOMERS
case 4:
    System.out.println("Please enter Subscribe ID : ");
    for (int i = 0; i <= CustomerList.size(); i++) {
        if (CustomerList.size() == 0) { // Validation Empty
ArrayList

            System.out.println("Customer List is Empty.
Please add by System Menu !!!");

            break;

```

```

    }
}
int TempCustomerID = input.nextInt();
for (int i = 0; i < CustomerList.size(); i++) { // Reputation for
iteration for ArrayList

    if (TempCustomerID ==
CustomerList.get(i).getCustomerID()) { // Check is it customer

        flag1 = false;
        /*
        * We solved here problem of else part. Because
of iterator of for and ArrayList

        * local iterator else part always displayed. We
used boolean and another if

        * statement and fixed this problem here.
        */

        CustomerList.get(i).DisplayCustomerInfo(); //
Displaying information of Customer //Special

        // Welcome Part for Customer

        System.out.println("Welcome " +
CustomerList.get(i).getPersonName());

        SubsTakingMenu();// Customer Sales Menu
        int choiceSubsTaking = input.nextInt();
        switch (choiceSubsTaking) {
        // SALES GASOLINE FOR CUSTOMERS
        case 1:

            double SubsGasolineCost = gasoline_cost
- (gasoline_cost * 15 / 100);

            System.out.println(" How Much Liters
GASOLINE Do You Want To Buy ?" + "(Cost = "
+ SubsGasolineCost + ")");

            int SubsGasolineLiter = input.nextInt();
            if (SubsGasolineLiter == 0) { // Validation
Zero Taken!

            System.out.println("You entered 0.
Zero can not taking ! Please Be Careful :)");

```

```

        SubsTakingMenu();
        break;
    }
    sum_gasoline_cost = sum_gasoline_cost +
(SubsGasolineLiter * SubsGasolineCost);

    total_gasoline_liter = total_gasoline_liter
+ SubsGasolineLiter;

    System.out.println(" You will take " +
SubsGasolineLiter + " liters GASOLINE and will pay "
+ SubsGasolineLiter *
SubsGasolineCost + " TL for GASOLINE...");

    System.out.println(" ");
    System.out.println(" Attantion Note :
GASOLINE Cost is " + SubsGasolineCost
+ " TL per liter.(Discount :
%15) ");

    System.out.println(" ");
    System.out.println(" Are you sure?");
    System.out.println(
        " If you want to continue
,please enter 1 OR you can cancel the selling by enter 0.");

    int SubsChoiceYesNoGasoline =
input.nextInt();

    // Selection Part Cancel or Accept the
buying of fuel

    switch (SubsChoiceYesNoGasoline) {
    case 1:
        System.out.println(" Your tank is
fulling with gasoline.Wait!");
        System.out.println(" -----
-----");

        counter_a++;
        break;
    case 0:
        System.out.println(" Your selling
has been canceled!");

```

```

-----");
total_gasoline_liter - SubsGasolineLiter;
sum_gasoline_cost - (SubsGasolineLiter * SubsGasolineCost);
break;
default:
    System.out.println(" ! PLEASE
PRESS 1 OR 0.DO NOT ENTER A VALUE OTHER THAN 1 AND 0!");
}
break;
// SALES DIESEL FOR CUSTOMERS
case 2:
    double SubsDieselCost = diesel_cost -
(diesel_cost * 15 / 100);
    System.out.println(
        " How Much Liters
DIESEL Do You Want To Buy ?" + "(Cost = " + SubsDieselCost + ")");
    int SubsDieselLiter = input.nextInt();
    if (SubsDieselLiter == 0) { // Validation
        Zero Taken!
        System.out.println("You entered 0.
Zero can not taking ! Please Be Careful :)");
        SubsTakingMenu();
        break;
    }
    sum_diesel_cost = sum_diesel_cost +
(SubsDieselLiter * SubsDieselCost);
    total_diesel_liter = total_diesel_liter +
SubsDieselLiter;
    System.out.println(" You will take " +
        SubsDieselLiter + " liters Diesel and will pay "
        + SubsDieselLiter *
SubsDieselCost + " TL for DIESEL...");

```


Diesel Cost is " + SubsDieselCost

%15) ");

input.nextInt();

buying of fuel

fulling with diesel.Wait!");

-----");

has been canceled!");

-----");

total_diesel_liter - SubsDieselLiter;

sum_diesel_cost - (SubsDieselLiter * SubsDieselCost);

System.out.println(" ");

System.out.println(" Attantion Note :

+ " TL per liter.(Discount :

System.out.println(" ");

System.out.println(" Are you sure?");

System.out.println(

" If you want to continue

,please enter 1 OR you can cancel the selling by enter 0.");

int SubsChoiceYesNoDiesel =

// Selection Part Cancel or Accept the

switch (SubsChoiceYesNoDiesel) {

case 1:

System.out.println(" Your tank is

System.out.println(" -----

counter_a++;

break;

case 0:

System.out.println(" Your selling

System.out.println(" -----

counter_c++;

total_diesel_liter =

sum_diesel_cost =

break;

default:

System.out.println(" ! PLEASE

PRESS 1 OR 0.DO NOT ENTER A VALUE OTHER THAN 1 AND 0!");

```

    }
    break;

// SALES GAS FOR CUSTOMERS
case 3:
    double SubsGasCost = gas_cost -
(gas_cost * 15 / 100);

    System.out.println(
        " How Much Liters GAS
Do You Want To Buy ?" + "(Cost = " + SubsGasCost + ")");

    int SubsGasLiter = input.nextInt();
    if (SubsGasLiter == 0) { // Validation Zero
Taken!

        System.out.println("You entered 0.
Zero can not taking ! Please Be Careful :)");

        SubsTakingMenu();
        break;
    }

    sum_gas_cost = sum_gas_cost +
(SubsGasLiter * SubsGasCost);

    total_gas_liter = total_gas_liter +
SubsGasLiter;

    System.out.println(" You will take " +
SubsGasLiter + " liters GAS and will pay "
        + SubsGasLiter *
SubsGasCost + " TL for GAS...");

    System.out.println(" ");
    System.out.println(
        " Attantion Note : Gas Cost
is " + SubsGasCost + " TL per liter.(Discount : %15) ");

    System.out.println(" ");
    System.out.println(" Are you sure?");
    System.out.println(
        " If you want to continue
,please enter 1 OR you can cancel the selling by enter 0.");

    int SubsChoiceYesNoGas =
input.nextInt();

```

buying of fuel

fulling with gas.Wait!");

-----");

has been canceled!");

-----");

SubsGasLiter;

(SubsGasLiter * SubsGasCost);

PRESS 1 OR 0.DO NOT ENTER A VALUE OTHER THAN 1 AND 0!");

Type Between 1 to 3 :");

Type of Fuel

// Selection Part Cancel or Accept the

switch (SubsChoiceYesNoGas) {

case 1:

System.out.println(" Your tank is

System.out.println(" -----

counter_a++;

break;

case 0:

System.out.println(" Your selling

System.out.println(" -----

counter_c++;

total_gas_liter = total_gas_liter -

sum_gas_cost = sum_gas_cost -

break;

default:

System.out.println(" ! PLEASE

}

break;

default:

System.out.println("Please Select One Of

}// Close Switch of Customer Selection Which

break;

} // Closing Check is it Customer by Customer ID

flag1 = true;// Change Flag for Else Problem

} // Closing Reputation for iteration for ArrayList

```

        if (flag1 == true) { // Fixed With Flag for Else Problem
            System.out.println("You entered uncorrect customer
ID.");
            System.out.println("You will go to main menu. Please
access the manager !");
        }
        break;
// Manager Panel Entering
case 9:
    System.out.println(" Please enter password for Personal
System...:");
    System.out.println(" If you want to go main menu please enter
[99] !!!");
    for (;;) { // Reputation for infinite loop Manager Mode
        pass = input.nextInt();
        if (pass == 1903) { // Entering with Password[Opening
Manager Menu Statement]
            // in Manager Panel
            System.out.println(" ");
            System.out.println(" ---You are in the Personal
System--- ");
            System.out.println(" ");
            System.out.println(" - Press to 1 Learn Canneles
and Accepts. ");
            System.out.println(" - Press to 2 change the cost
of gasoline. ");
            System.out.println(" - Press to 3 change the cost
of diesel. ");
            System.out.println(" - Press to 4 change the cost
of gas. ");
            System.out.println(" - Press to 5 print the
summary of day. ");
            System.out.println(" - Press to 6 add customer to
customer list. ");
            System.out.println(" - Press to 7 print the
customer information.");
            System.out.println(" Press to 99 go to menu. ");

```

```

SelectionManagerMenu = input.nextInt();
switch (SelectionManagerMenu) {
// Decision Manager Menu
case 1:// Learn Cancels and Accepts
    System.out.println(" Total accepts: " +
counter_a);
    System.out.println(" Total cancels: " +
counter_c);
    System.out.println(" Press to 99 for go
back");
    System.out.println(
        " If you enter a value other
than 99,you will direct to main menu.For:Security");
    GoBack = input.nextInt();
    if (GoBack == 99) {// Go to previous
section[Password Section]
        System.out.println(" Please enter
password for PS.:");
        System.out.println(" If you want to
go main menu please enter [99] !!!");
        continue;
    } else {// Go to Main Menu With
Annotation
        System.out.println(" -----
-----");
        System.out.println(" You Have
Entered a Value Other Than 99. ");
        System.out.println(" So, You are
directing to Main Menu!");
        System.out.println(" -----
-----");
    }
    break;
// Change the Gasoline Cost That Belong to
System
case 2:

```

```

gasoline_cost + "TL.");

+ CheckCost);

been changed");

back");

than 99,you will direct to main menu.For:Security");

section[Password Section]

password for PS.:");

go main menu please enter [99] !!!");

Annotation

+++++
System.out.println("
+++++");

entered wrong option for go to back !!!");

System.out.println(" !!!. You

System.out.println(" ");

System.out.println(" Please Try

System.out.println(" ");

System.out.println(" You Are

System.out.println("
+++++");

break;

```

```

}
// Change the Gasoline Cost That Belong
to System

case 3:

    System.out.println(" Cost is " +
diesel_cost + "TL.");

    System.out.println(" Enter a new cost: ");
    CheckCost1 = input.nextDouble();
    diesel_cost = CheckCost1;
    System.out.println(" New diesel cost:" +
CheckCost1);

    System.out.println(" Gasoline cost has
been changed");

    System.out.println(" Press to 99 for go
back");

    System.out.println(
        " If you enter a value other
than 99,you will direct to password screen.For:Security");
    GoBack1 = input.nextInt();
    if (GoBack1 == 99) { // Go to previous
section[Password Section]

        System.out.println(" Please enter
password for PS.:");

        System.out.println(" If you want to
go main menu please enter [99] !!!");

        continue;
    } else { // Go to Main Menu With
Annotation

        System.out.println("
+++++");
        System.out.println(" !!! You
entered wrong option for go to back !!!");

        System.out.println(" ");
        System.out.println(" Please Try
From The Beginning.(For Security Reasons)");

        System.out.println(" ");

```

```

Directing To The Main Menu.");
                                                                    System.out.println(" You Are
                                                                    System.out.println("
+++++");
                                                                    break;
                                                                    }
                                                                    // Change the Gasoline Cost That Belong
to System
                                                                    case 4:
                                                                    System.out.println(" Cost is " + gas_cost +
"TL.");
                                                                    System.out.println(" Enter a new cost: ");
                                                                    CheckCost2 = input.nextDouble();
                                                                    gas_cost = CheckCost2;
                                                                    System.out.println(" New diesel cost:" +
CheckCost2);
                                                                    System.out.println(" Gasoline cost has
been changed");
                                                                    System.out.println(
                                                                    " If you enter a value other
than 99,you will direct to main menu.For:Security");
                                                                    System.out.println(" Press to 99 for go
back");
                                                                    GoBack2 = input.nextInt();
                                                                    if (GoBack2 == 99) { // Go to previous
section[Password Section]
                                                                    System.out.println(" Please enter
password for PS.:");
                                                                    System.out.println(" If you want to
go main menu please enter [99] !!!");
                                                                    continue;
                                                                    } else { // Go to Main Menu With
Annotation
                                                                    System.out.println("
+++++");
                                                                    System.out.println(" !!! You
entered wrong option for go to back !!!");

```


From The Beginning.(For Security Reasons));

Directing To The Main Menu.");

+++++

Liters

GASOLINE liters : " + total_gasoline_liter);

DIESEL liters : " + total_diesel_liter);

liters : " + total_gas_liter);

GASOLINE cost : " + sum_gasoline_cost);

DIESEL cost : " + sum_diesel_cost);

GAS cost : " + sum_gas_cost);

back");

than 99,you will direct to main menu.For:Security");

With Annotation

password for PS.:");

System.out.println(" ");

System.out.println(" Please Try

System.out.println(" ");

System.out.println(" You Are

System.out.println("

break;

}

// Display Summary of Day of Sales And

case 5:

System.out.println(" - Today sales of

System.out.println(" - Today sales of

System.out.println(" - Today sales of GAS

System.out.println(" + Today sales of

System.out.println(" + Today sales of

System.out.println(" + Today sales of

System.out.println(" ");

System.out.println(" Press to 99 for go

System.out.println(

" If you enter a value other

GoBack3 = input.nextInt();

if (GoBack3 == 99) { // Go to Main Menu

System.out.println(" Please enter

go main menu please enter [99] !!!");

Annotation

-----");

Entered a Value Other Than 99. ");

directing to Main Menu!");

-----");

Name: ");

input.nextLine();

Surname: ");

input.nextLine();

Citizen Number: ");

input.nextLine();

ID: ");

Telephone Number :");

System.out.println(" If you want to

continue;

} else { // Go to Main Menu With

System.out.println(" -----

System.out.println(" You Have

System.out.println(" So, You are

System.out.println(" -----

}

break;

// Add customer add CustomerList by given input

case 6:

input.nextLine();

System.out.println("Please enter Customer

String TempCustomerName =

System.out.println("Please enter Customer

String TempCustomerSurname =

System.out.println("Please enter Customer

String TempCustomerCitizenNumber =

System.out.println("Please enter Customer

int TempCustomerID1 = input.nextInt();

System.out.println("Please enter Customer

input.nextLine();

```

input.nextLine();

E Mail Address :");

Plate: ");

Fuel :");

input.nextLine();

String TempTelephoneNumber =

System.out.println("Please enter Customer

String TempEMail = input.nextLine();
System.out.println("Please enter Car

String TempCarPlate = input.nextLine();
System.out.println("Please enter Type Of

String TempTypeOfFuel =

Cars CarTemp = new
Cars(TempCustomerName, TempCustomerSurname, TempCustomerCitizenNumber,
TempCustomerID1,
TempTelephoneNumber, TempEMail, TempCarPlate, TempTypeOfFuel);

CarTemp.setPersonName(TempCustomerName);

CarTemp.setPersonSurname(TempCustomerSurname);

CarTemp.setPersonCitizenNumber(TempCustomerCitizenNumber);

CarTemp.setCustomerID(TempCustomerID1);

CarTemp.setTelephoneNumber(TempTelephoneNumber);

CarTemp.setEmail(TempEMail);
CarTemp.setPlate(TempCarPlate);

CarTemp.setTypeOfFuel(TempTypeOfFuel);

CustomerList.add(CarTemp);// Added
Temporary Car Object in CustomerList

System.out.println(" " +
CustomerList.size() + ". Customer Added.");// Counter of added

//

customer

break;

```

```

// Display CustomerList
case 7:
    System.out.println("Printing Customer
And Their information :");
    for (int i = 0; i < CustomerList.size(); i++)
    {
        System.out.println(" " + (i + 1 + ".
Customer Information :"));

        CustomerList.get(i).DisplayCustomerInfo();
    }
    break;
// Quit the this section.
case 99:
    break;
// Default Manager Menu
default:
    System.out.println("
+++++");
    System.out.println(" !!!You entered
wrong menu option for Personal System.!!!");
    System.out.println(" ");
    System.out.println(" Please Try From The
Beginning.(For Security Reasons)");
    System.out.println(" ");
    System.out.println(" You Are Directing
To The Main Menu.");
    System.out.println("
+++++");
    }
    break;
} // Closing Password if Statement(Check Password
Section)

// Quit the this section
else if (pass == 99) {
    break;

```

```

    }
    // Warning enter disallowed value
    else {
        System.out.println("-----");
        System.out.println(" You entered wrong
password.");
        System.out.println(" Please Try Again");
        System.out.println("If you want to go back
PLEASE PRESS [99] !!!!");
        System.out.println(" Password: ");
    }
} // Closing Reputation for infinite loop Manager Mode
break;
// Terminate The Program
case 1923:
    CheckTerminate = input.nextInt();
    if (CheckTerminate == pass) { // Check Password for Security of
Program
        input.close();
        System.exit(0);
    } else {
        break;
    }
    // Default Main Menu Switch
default:
    DefaultMainMenu();
} // Closing Main Menu Switch Statement
} // Closing Public Void Main
} // Closing Class

// First Edit Cost Method
public static void WelcomeMenu() {
    System.out.println(" -----");

```

```

        System.out.println(" |-----|");
        System.out.println(" |      WELCOME TO AUTOFULLER      |");
        System.out.println(" | This screen belong to authorized person. |");
        System.out.println(" | This screen wont show any one more times. |");
        System.out.println(" |   So, we must do some configuration.   |");
        System.out.println(" | We firstly configuration fuel of type cost. |");
        System.out.println(" |-----|");
        System.out.println(" -----");
        System.out.println(" ");
    }

```

// Main Menu Method

```

public static void MainMenu() {
    System.out.println(" -----");
    System.out.println("    ////" + "WHAT DO YOU GET?" + "////    ");
    System.out.println(" If you are get Gasoline,please enter 1.  ");
    System.out.println(" If you are get Diesel,please enter 2.   ");
    System.out.println(" If you are get Gas,please enter 3.    ");
    System.out.println(" ");
    System.out.println(" If you are SUBCRIBE CUSTOMER plase enter 4.");
    System.out.println(" ");
    System.out.println("      Press to 9 for System Menu");
    System.out.println(" -----");
}

```

// Methods that belong to Registered Customer

```

public static void SubsTakingMenu() {
    System.out.println(" -----");
    System.out.println("    ////" + "WHAT DO YOU GET SUBCRIBE?" + "////
");
    System.out.println("      If you are get Gasoline,please enter 1.  ");
    System.out.println("      If you are get Diesel,please enter 2.   ");

```

```

        System.out.println("        If you are get Gas,please enter 3.    ");
        System.out.println(" ");
        System.out.println(" -----");
    }

// Methods that belong to default of Registered Customer Selling
public void SubsTakingMenuDefault() {
    System.out.println("-----");
    System.out.println("Dear Subscribe,Please entered correct selection !!!");
    System.out.println("        Please Try Again!");
    System.out.println("-----");
    System.out.println("    ////" + "WHAT DO YOU GET SUBSCRIBE?" + "////
");

    System.out.println("    If you are get Gasoline,please enter 1.  ");
    System.out.println("    If you are get Diesel,please enter 2.  ");
    System.out.println("    If you are get Gas,please enter 3.  ");
    System.out.println("-----");
}

// Methods that belong to default of Main Menu
public static void DefaultMainMenu() {
    System.out.println(" -----Wrong Entered  Value In Main Menu.-----");
    System.out.println(" ");
    System.out.println(" -----Please Try Again-----");
    System.out.println(" ");
}
}

```