```
What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
```

Main menu for car mechanic program. User can navigate through the different sections.

```
What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
4

What would you like to do:
1. Create service
2. List services
3. Update service
4. Remove service
5. Go back
6. Quit
1
Which employee will be performing the service:
0 Name: Wyatt Robinson | Salary: $60000.0
1 Name: John Smith | Salary: $65000.0
2 Name: John Doe | Salary: $55555.0
3 Name: Jane smith | Salary: $88888.88
4 Name: Mechanic McMechanicson | Salary: $4.25
5 Name: SomeName Nameson | Salary: $44444.0
0
Which client will be receiving the service:
0 Client name: Jane Doe | Client vehicle: Make: Ford | Model: Ranger
1 Client name: asdf asdfson | Client vehicle: Make: Toyota | Model: Hilux
2 Client name: Josh Smithson | Client vehicle: Make: Chevrolet | Model: Silverado
3 Client name: xX_CarWrecker47_Xx | Client vehicle: Make: Ford | Model: Mustang
4 Client name: dummy mcdatason | Client vehicle: Make: Chevrolet | Model: Camaro
5 Client name: Persons Name | Client vehicle: Make: Nissan | Model: Armada
2
What does the client say is wrong with their vehicle:
car is leaking oil
What is the estimated cost of this service:
$250
Service added successfully
-----------------
```

User is creating a service for vehicle. The user then gets to choose which employee will perform the service and their salary. Next, a user picks the client that will receive the service. After, the user enters what the client said is wrong with their vehicle and the estimated cost of the service. A service was created successfully.

```
What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
1

What would you like to do:
1. Add employee
2. List employees
3. Update employee
4. Remove employee
5. Go back
6. Quit
2
0 Name: Wyatt Robinson | Salary: $60000.0
1 Name: John Smith | Salary: $65000.0
2 Name: John Doe | Salary: $55555.0
3 Name: Jane smith | Salary: $88888.88
4 Name: Mechanic McMechanicson | Salary: $4.25
5 Name: SomeName Nameson | Salary: $44444.0
----------------
```

User can access employee menu and list the name of employees and their salaries.


```
What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
5

What would you like to do:
1. Create appointment
2. List appointments
3. Update appointment
4. Remove appointment
5. Go back
6. Quit
3
Which appointment would you like to update:
0 Client name: Jane Doe | Client vehicle: Make: Ford | Model: Ranger Has an appoin
tment with
Name: Wyatt Robinson | Salary: $60000.0 on 02/22/2022

1 Client name: asdf asdfson | Client vehicle: Make: Toyota | Model: Hilux Has an a
ppointment with
Name: John Smith | Salary: $65000.0 on 08/21/2022

2 Client name: Josh Smithson | Client vehicle: Make: Chevrolet | Model: Silverado
Has an appointment with
Name: John Doe | Salary: $55555.0 on 08/22/2022

3 Client name: xX_CarWrecker47_Xx | Client vehicle: Make: Ford | Model: Mustang Ha
s an appointment with
Name: Jane smith | Salary: $88888.88 on 4/30/2022

4 Client name: dummy mcdatason | Client vehicle: Make: Chevrolet | Model: Camaro H
as an appointment with
Name: Mechanic McMechanicson | Salary: $4.25 on 4/18/2222

5 Client name: Persons Name | Client vehicle: Make: Nissan | Model: Armada Has an
appointment with
Name: SomeName Nameson | Salary: $44444.0 on 4/31/2024

1
What would you like to update about the appointment:
1. Assigned employee
2. The client
3. The date
4. Cancel
3
What is the new date of the appointment:
05/01/2022
Appointment date updated successfully
```

User can access the appointments menu to update the appointment. User picks the client and the assigned employee, the client, or the date can be updated. Example above shows that the date of the appointment was updated. User can also cancel update for appointment if it is no longer needed.

```
What would you like to do:
1. Create appointment
2. List appointments
3. Update appointment
4. Remove appointment
5. Go back
6. Quit
5

What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
2

What would you like to do:
1. Add car
2. List cars
3. Update car
4. Remove car
5. Go back
6. Quit
4
Which car would you like to remove:
0 Make: Ford | Model: Ranger
1 Make: Toyota | Model: Hilux
2 Make: Chevrolet | Model: Silverado
3 Make: Ford | Model: Mustang
4 Make: Chevrolet | Model: Camaro
5 Make: Nissan | Model: Armada
1
Vehicle removed successfully
```

Here, user went back to main menu to access car menu. User wanted to remove a car. A car was picked by the user to be removed from the list displayed.

```
What would you like to access:
1. Employees
2. Cars
3. Clients
4. Services
5. Appointments
6. Reports
7. Quit
6
What report would you like to print:
1. Employee cost report
2. Services income report
3. Total profit report
4. Go back
3
Name: Wyatt Robinson | Salary: $60000.0
Name: John Smith | Salary: $65000.0
Name: John Doe | Salary: $55555.0
Name: Jane smith | Salary: $88888.88
Name: Mechanic McMechanicson | Salary: $4.25
Name: SomeName Nameson | Salary: $44444.0
Total employee salaries paid: $313892.13

Client name: Jane Doe | Client vehicle: Make: Ford | Model: Ranger
Client says: Engine blew up lol
Cost of this service: $6000.0

Client name: asdf asdfson | Client vehicle: Make: Toyota | Model: Hilux
Client says: I drove it for 5000 miles without oil
Cost of this service: $50000.0

Client name: Josh Smithson | Client vehicle: Make: Chevrolet | Model: Silverado
Client says: I spilled baked beans all over the dash
Cost of this service: $500.0

Client name: xX_CarWrecker47_Xx | Client vehicle: Make: Ford | Model: Mustang
Client says: I wrecked my car for the third time this week
Cost of this service: $100000.0

Client name: dummy mcdatason | Client vehicle: Make: Chevrolet | Model: Camaro
Client says: I put a bowling ball in the trunk and now it sounds like theres a bowling ball in the trunk, please tell me why it sounds like that.
Cost of this service: $5.0

Client name: Persons Name | Client vehicle: Make: Nissan | Model: Armada
Client says: My car is currently on fire
Cost of this service: $30000.0

Total made from all services : $186505.00

Total loss: $-127387.13
```

User accessed reports menu. Here, user can print three different reports. Above, user printed total profit report. Total profit report contains list of employees, client name, client vehicle information, what client said, and the cost of the service. The total made from all services and total loss is calculated at the end of the report.