

Instructions:

Run the software:

```

Welcome To SuperLee

Please select an option from the Menu:

1. Initialize System Data
2. Add Truck
3. Add Driver
4. Add Location
5. View All Trucks
6. View All Drivers
7. View All Locations
8. View All Shipment Transportations
9. Track Shipment
10. Arrange Shipment
11. Remove Shipment
12. Exit

```

1. Adding a truck

Hit option 2, then enter truck's plate number, model, nato weight, max weight that the truck can transport.

```

2
Enter truck plate number: HT564635
Enter truck model:VOLVO
Enter truck's nato weight: 3500
Enter truck's max weight: 2000
---SUCCESS---
Truck has been added!

```

2. Adding a driver

Hit option 3, enter driver's id, name, max weight license he can drive throw the transportation.

```

3
Enter driver's Id: 2081676655
Enter driver's name: John
Enter driver license max weight: 7800
---SUCCESS---
Driver has been added!

```

3. Adding location

Hit option 4, enter address name, phone number, contact name for furthur information.

```

4
Enter address: Alexander Yenai 18
Enter phone number:0503313300
Enter contact name: Yazan
---SUCCESS---
Location has been added!

```

4. Viewing all trucks

Hit option 5 to view all trucks.

```
5
1. Truck Plate Number: 34      Model: 43      Nato Weight: 4.0      Max Weight: 4.0      Available: Yes
2. Truck Plate Number: HT564635 Model: VOLVO    Nato Weight: 3500.0   Max Weight: 2000.0   Available: Yes
3. Truck Plate Number: HRY1234  Model: FH16    Nato Weight: 6000.0   Max Weight: 3000.0   Available: Yes
4. Truck Plate Number: HYTE779  Model: GH67    Nato Weight: 5000.0   Max Weight: 2500.0   Available: Yes
5. Truck Plate Number: 7783624  Model: EIF     Nato Weight: 8000.0   Max Weight: 1560.0   Available: Yes
```

5. Viewing all drivers

Hit option 6 to view all drivers.

```
6
1. Id Number: 2081676655      Name: John      Allowed Weight: 7800.0 Available: true
2. Id Number: 20816222       Name: Yazan     Allowed Weight: 7000.0 Available: true
3. Id Number: 20877734       Name: Tariq     Allowed Weight: 9000.0 Available: true
4. Id Number: 31556888       Name: Kareem    Allowed Weight: 15000.0 Available: true
```

6. Viewing all locations

Hit option 7 to view all locaitons.

```
7
1. Address: Alexander Yenai 18 Phone: 0503313300 Contact Name: Yazan
2. Address: Beer Sheva, Alexander Yenai 17 Phone: 0503313300 Contact Name: Yazan
3. Address: Tel Aviv, Merkaz 53 Phone: 0774353553 Contact Name: Kareem
4. Address: Haifa hof hakarmel Phone: 055853535 Contact Name: Tariq
```

7. Viewing all shipments

Hit option 8 to view all shipments.

```
8
-----
1. Date: 22/07/2021      Departure Hour: 14:00      Truck Plate Number: HT564635      Driver Id: 2081676655      Shipment Weight: 69.5
Source -->      Address: Beer Sheva, Alexander Yenai 17      Phone: 0503313300 (Yazan)
Arrived At:
1. Address: Haifa hof hakarmel      Phone: 055853535 (Tariq)      Tracking Number:1
2. Address: Tel Aviv, Merkaz 53      Phone: 0774353553 (Kareem)      Tracking Number:0
-----
2. Date: 16/07/2021      Departure Hour: 14:43      Truck Plate Number: HT564635      Driver Id: 2081676655      Shipment Weight: 16.0
Source -->      Address: Tel Aviv, Merkaz 53      Phone: 0774353553 (Kareem)
Arrived At:
1. Address: Haifa hof hakarmel      Phone: 055853535 (Tariq)      Tracking Number:2
-----
```

8. Track shipment

Hit option 9 to truck a shipment, enter the tracking number.

```
9
Enter tracking number: 2
Date: 16/07/2021      Departure Hour: 14:43      Truck Plate Number: HT564635      Driver Id: 2081676655      Shipment Weight: 3516.0
Source: Tel Aviv, Merkaz 53      Arrives At: Haifa hof hakarmel      Phone: 055853535 (Tariq)
This shipment contains:
1. Milk      Unit Weight: 3.2      Amount: 5.0
```

9. Arrange shipment

First of all hit option 4 to add a new source for your shipment then Hit option 4 to add as many destinations as you want for your shipment.

Afterwards hit option 10 to arrange new shipment, enter the shipment's date and departure hour, choose your shipment's source from the list.

```
Enter shipment date [dd/MM/yyyy]: 16/07/2021
Enter departure hour [00:00]: 14:43
Enter shipment source:
1. Address: Alexander Yenai 18      Phone: 0503313300      Contact Name: Yazan
2. Address: Beer Sheva, Alexander Yenai 17      Phone: 0503313300      Contact Name: Yazan
3. Address: Tel Aviv, Merkaz 53      Phone: 0774353553      Contact Name: Kareem
4. Address: Haifa hof hakarmel      Phone: 055853535      Contact Name: Tariq
3
```

Then choose your destinations and for each destination add the items you want to be delivered to that location, for each item enter item's name, unit weight, amount.

```
Add a list of destinations in order:

Choose destination number [1]:
1. Address: Alexander Yenai 18   Phone: 0503313300   Contact Name: Yazan
2. Address: Beer Sheva, Alexander Yenai 17   Phone: 0503313300   Contact Name: Yazan
3. Address: Tel Aviv, Merkaz 53   Phone: 0774353553   Contact Name: Kareem
4. Address: Haifa hof hakarmel   Phone: 055853535   Contact Name: Tariq
4

Enter details for item number [1]:
Item's Name: Milk
Item's Weight: 3.2
Item's Amount: 5

---SUCCESS---
Item has been added!

Add another item? [y/n]: n

---SUCCESS---
Destination has been added!

Add another destination? [y/n]: n

---SUCCESS---
Shipment has been arranged!
```

If you want to add another items type 'y', and enter the details agains, if you want to add another destination type 'y' and repeat the process.

10. Remove shipment

Hit option 10 to remove a shipment.

```
11

Enter shipment date [dd/MM/yyyy]: 22/07/2021
Enter departure hour [00:00]: 14:00
Enter driver's id: 20816222
---SUCCESS---
Shipment has been removed!
```

11. Exit the application

Finally when you finish using the app, Hit 12 to exit.