

```
Pass 1: ----->
***** Seneca Valet Parking *****
***** Available spots: 2 *****
Parking Menu, select an action:
1- Park Vehicle
2- Return Vehicle
3- List Parked Vehicles
4- Close Parking (End of day)
5- Exit Program
> 3
*** List of parked vehicles ***
Vehicle type: Car
Parking Spot Number: 1
Licence Plate: ASD123
Make and Model: Honda Civic
Without Carwash
-----
Vehicle type: Motorcycle
Parking Spot Number: 2
Licence Plate: AS12
Make and Model: Honda 125
With Sidecar
-----
Vehicle type: Car
Parking Spot Number: 3
Licence Plate: QWE123
Make and Model: BMW 320
With Carwash
-----
Vehicle type: Motorcycle
Parking Spot Number: 4
Licence Plate: ZXC123
Make and Model: Suzuki 750
-----
Vehicle type: Car
Parking Spot Number: 5
Licence Plate: ASDASD
Make and Model: Ford F150
Without Carwash
-----
Vehicle type: Motorcycle
Parking Spot Number: 6
Licence Plate: ZXC
Make and Model: Ninja 650
-----
Vehicle type: Motorcycle
Parking Spot Number: 7
Licence Plate: QWE
Make and Model: Ninja H2
-----
Vehicle type: Car
Parking Spot Number: 8
Licence Plate: GVAA123
Make and Model: Tesla Model 3
```



With Carwash

-----  
Vehicle type: Car  
Parking Spot Number: 9  
Licence Plate: QWEASD  
Make and Model: Cadillac XT5  
Without Carwash  
-----

\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 2 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 1  
    Select type of the vehicle:  
    1- Car  
    2- Motorcycle  
    3- Cancel  
    > 1

Car information entry  
Enter Licence Plate Number: aaa  
Enter Make and Model: bbb bbb  
Carwash while parked? (Y)es/(N)o: y

Parking Ticket  
Vehicle type: Car  
Parking Spot Number: 10  
Licence Plate: AAA  
Make and Model: bbb bbb  
With Carwash

\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 1 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 1  
    Select type of the vehicle:  
    1- Car  
    2- Motorcycle  
    3- Cancel  
    > 2

Motorcycle information entry  
Enter Licence Plate Number: ccc  
Enter Make and Model: ddd ddd  
Does the Motorcycle have a side car? (Y)es/(N)o: n

Parking Ticket  
Vehicle type: Motorcycle  
Parking Spot Number: 11  
Licence Plate: CCC  
Make and Model: ddd ddd

\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 0 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 1

Parking is full  
\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 0 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 2

Return Vehicle  
Enter Licence Plate Number: qwe

Returning:  
Vehicle type: Motorcycle  
Parking Spot Number: 7  
Licence Plate: QWE  
Make and Model: Ninja H2

\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 1 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 1

Select type of the vehicle:  
1- Car  
2- Motorcycle  
3- Cancel  
> 2

Motorcycle information entry  
Enter Licence Plate Number: AS12  
Enter Make and Model: aaa bbb  
Does the Motorcycle have a side car? (Y)es/(N)o: n

Can not park; license plate already in the system!  
Vehicle type: Motorcycle  
Parking Spot Number: N/A  
Licence Plate: AS12  
Make and Model: aaa bbb

```
***** Seneca Valet Parking *****
***** Available spots: 1 *****
Parking Menu, select an action:
1- Park Vehicle
2- Return Vehicle
3- List Parked Vehicles
4- Close Parking (End of day)
5- Exit Program
> 5
This will terminate the program!
Are you sure? (Y)es/(N)o: y
Exiting program!
```

Content of ParkingData.csv after the program exits

```
-----
c,1,asd123,honda civic,0
m,2,as12,honda 125,1
c,3,qwe123,bmw 320,1
m,4,zxc123,suzuki 750,0
c,5,asdasd,ford f150,0
m,6,zxc,ninja 650,0
c,8,gvaa123,tesla model 3,1
c,9,qweasd,cadillac xt5,0
c,10,aaa,bbb bbb,1
m,11,ccc,ddd ddd,0
-----
```

```
<-----
Press Enter to continue...
Pass 2: ----->
***** Seneca Valet Parking *****
***** Available spots: 1 *****
Parking Menu, select an action:
1- Park Vehicle
2- Return Vehicle
3- List Parked Vehicles
4- Close Parking (End of day)
5- Exit Program
> 3
*** List of parked vehicles ***
Vehicle type: Car
Parking Spot Number: 1
Licence Plate: ASD123
Make and Model: Honda Civic
Without Carwash
-----
```

```
Vehicle type: Motorcycle
Parking Spot Number: 2
```

Licence Plate: AS12  
Make and Model: Honda 125  
With Sidecar

-----  
Vehicle type: Car  
Parking Spot Number: 3  
Licence Plate: QWE123  
Make and Model: BMW 320  
With Carwash

-----  
Vehicle type: Motorcycle  
Parking Spot Number: 4  
Licence Plate: ZXC123  
Make and Model: Suzuki 750

-----  
Vehicle type: Car  
Parking Spot Number: 5  
Licence Plate: ASDASD  
Make and Model: Ford F150  
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Vehicle type: Motorcycle  
Parking Spot Number: 6  
Licence Plate: ZXC  
Make and Model: Ninja 650

-----  
Vehicle type: Car  
Parking Spot Number: 8  
Licence Plate: GVAA123  
Make and Model: Tesla Model 3  
With Carwash

-----  
Vehicle type: Car  
Parking Spot Number: 9  
Licence Plate: QWEASD  
Make and Model: Cadillac XT5  
Without Carwash

-----  
Vehicle type: Car  
Parking Spot Number: 10  
Licence Plate: AAA  
Make and Model: bbb bbb  
With Carwash

-----  
Vehicle type: Motorcycle  
Parking Spot Number: 11  
Licence Plate: CCC  
Make and Model: ddd ddd

-----  
\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 1 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle

3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 4

This will Remove and tow all remaining vehicles from the parking!  
Are you sure? (Y)es/(N)o: y  
Closing Parking

Towing request  
\*\*\*\*\*  
Vehicle type: Car  
Parking Spot Number: 1  
Licence Plate: ASD123  
Make and Model: Honda Civic  
Without Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Motorcycle  
Parking Spot Number: 2  
Licence Plate: AS12  
Make and Model: Honda 125  
With Sidecar

Towing request  
\*\*\*\*\*  
Vehicle type: Car  
Parking Spot Number: 3  
Licence Plate: QWE123  
Make and Model: BMW 320  
With Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Motorcycle  
Parking Spot Number: 4  
Licence Plate: ZXC123  
Make and Model: Suzuki 750

Towing request  
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Vehicle type: Car  
Parking Spot Number: 5  
Licence Plate: ASDASD  
Make and Model: Ford F150  
Without Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Motorcycle  
Parking Spot Number: 6  
Licence Plate: ZXC  
Make and Model: Ninja 650

Towing request  
\*\*\*\*\*  
Vehicle type: Car  
Parking Spot Number: 8  
Licence Plate: GVAA123  
Make and Model: Tesla Model 3  
With Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Car  
Parking Spot Number: 9  
Licence Plate: QWEASD  
Make and Model: Cadillac XT5  
Without Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Car  
Parking Spot Number: 10  
Licence Plate: AAA  
Make and Model: bbb bbb  
With Carwash

Towing request  
\*\*\*\*\*  
Vehicle type: Motorcycle  
Parking Spot Number: 11  
Licence Plate: CCC  
Make and Model: ddd ddd

Content of ParkingData.csv after the program exits

-----  
-----  
<-----  
Press Enter to continue...  
Pass 3: ----->  
\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 11 \*\*\*\*\*  
Parking Menu, select an action:  
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3- List Parked Vehicles  
4- Close Parking (End of day)  
5- Exit Program  
> 3  
\*\*\* List of parked vehicles \*\*\*  
\*\*\*\*\* Seneca Valet Parking \*\*\*\*\*  
\*\*\*\*\* Available spots: 11 \*\*\*\*\*  
Parking Menu, select an action:  
1- Park Vehicle  
2- Return Vehicle  
3- List Parked Vehicles  
4- Close Parking (End of day)

5- Exit Program

> 5

This will terminate the program!

Are you sure? (Y)es/(N)o: y

Exiting program!

Content of ParkingData.csv after the program exits

-----  
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