

```
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: Cadilac 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:
Invalid Licence Plate, try again: 123456789
Invalid Licence Plate, try again: aaaa1234
Enter Make and Model: a
Invalid Make and model, try again: ab
Carwash while parked? (Y)es/(N)o: yes
Invalid response, only (Y)es or (N)o are acceptable, retry: n

Parking Ticket

Vehicle type: Car
Parking Spot Number: 10
Licence Plate: AAAA1234
Make and Model: ab
Without 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: 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
> 1
 Select type of the vehicle:
 1- Car
 2- Motorcycle
 3- Cancel
 > 2

Motorcycle information entry
Enter Licence Plate Number: aaa
Enter Make and Model: bbb bbb
Does the Motorcycle have a side car? (Y)es/(N)o: NO
Invalid response, only (Y)es or (N)o are acceptable, retry: n

Parking Ticket
Vehicle type: Motorcycle
Parking Spot Number: 11
Licence Plate: AAA
Make and Model: bbb bbb

***** 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
> 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

Vehicle type: Car
Parking Spot Number: 10
Licence Plate: AAAA1234
Make and Model: ab
Without Carwash

Vehicle type: Motorcycle
Parking Spot Number: 11
Licence Plate: AAA
Make and Model: bbb bbb

***** 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
> 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
m,7,qwe,ninja h2,0
c,8,gvaal23,tesla model 3,1
c,9,qweasd,cadillac xt5,0
c,10,aaaa1234,ab,0
m,11,aaa,bbb bbb,0

<-----
Press Enter to continue...
Pass 2: ----->
***** 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

> 4

This will Remove and tow all remaining vehicles from the parking!

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

Aborted!

***** 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: aaa

Returning:

Vehicle type: Motorcycle

Parking Spot Number: 11

Licence Plate: AAA

Make and Model: bbb 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

> 2

Return Vehicle

Enter Licence Plate Number: asd123

Returning:

Vehicle type: Car

Parking Spot Number: 1

Licence Plate: ASD123

Make and Model: Honda Civic

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
> 3
*** List of parked vehicles ***
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
-----
Vehicle type: Car
Parking Spot Number: 10
Licence Plate: AAAA1234
Make and Model: ab
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
- > 3

Parking cancelled

***** 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: asd

Enter Make and Model: Ford

Carwash while parked? (Y)es/(N)o: n

Parking Ticket

Vehicle type: Car

Parking Spot Number: 1

Licence Plate: ASD

Make and Model: Ford

Without 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
- > 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: ASD
Make and Model: Ford
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

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

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: AAAA1234
Make and Model: ab
Without Carwash

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:

- 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: aaa

Enter Make and Model: bbb bbb

Does the Motorcycle have a side car? (Y)es/(N)o: y

Parking Ticket

Vehicle type: Motorcycle

Parking Spot Number: 1

Licence Plate: AAA

Make and Model: bbb bbb
With Sidecar

```
***** Seneca Valet Parking *****
***** Available spots: 10 *****
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: Motorcycle
Parking Spot Number: 1
Licence Plate: AAA
Make and Model: bbb bbb
With Sidecar
```

```
-----
***** Seneca Valet Parking *****
***** Available spots: 10 *****
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

```
-----
m,1,aaa,bbb bbb,1
-----
```