

Task 1

1.1

HashtagFootballer added the necessary changes for singleton design task 1.1		
Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	added the necessary changes for singleton design task 1.1	1 minute ago
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	1 minute ago

1.2

HashtagFootballer task 1.2 implemented file storage of vehicle, customer and records		
Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.2 implemented file storage of vehicle, customer an...	now
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	26 minutes ago

1.3

Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.3 changes	now
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	34 minutes ago

1.4

HashtagFootball - task 1.4		
File	Message	Time
Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.4	now
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	41 minutes ago

1.5

Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
RentalHistory.java	Initial work	2 weeks ago
RentalRecord.java	Initial work	2 weeks ago
RentalSystem.java	task 1.4	25 minutes ago
SportCar.java	Initial work	2 weeks ago
Vehicle.java	task 1.5	7 minutes ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	1 hour ago

1.6

6	Type	Plate	Customer	Date	Amount	
	RENT	AAA111	George	2025-11-30	\$10000000.00	30
	RENT	AAA111	George	2025-11-30	\$10000000.00	31
	RENT	BBB222	Anne	2025-11-30	\$19000.00	32
	RENT	BBB222	Anne	2025-11-30	\$19000.00	33
	RENT	CCC333	George	2025-11-30	\$100.00	34
	RENT	CCC333	George	2025-11-30	\$100.00	35
	RETURN	CCC333	George	2025-11-30	\$0.00	36
	RETURN	CCC333	George	2025-11-30	\$0.00	37
	RENT	CCC333	Anne	2025-11-30	\$100.00	38
	RENT	CCC333	Anne	2025-11-30	\$100.00	39
	1: Add Vehicle					40
	2: Add Customer					41
	3: Rent Vehicle					42
	4: Return Vehicle					43
	5: Display Available Vehicles					44
	6: Show Rental History					45
	0: Exit					46
	5					47
	== Available Vehicles ==					
	Type	Plate	Make	Model	Year	Status
	No vehicles with Status: Available					

6	Type	Plate	Customer	Date	Amount	
	RENT	AAA111	George	2025-11-30	\$10000000.00	
	RENT	AAA111	George	2025-11-30	\$10000000.00	
	RENT	BBB222	Anne	2025-11-30	\$19000.00	
	RENT	BBB222	Anne	2025-11-30	\$19000.00	
	RENT	CCC333	George	2025-11-30	\$100.00	
	RENT	CCC333	George	2025-11-30	\$100.00	
	RETURN	CCC333	George	2025-11-30	\$0.00	
	RETURN	CCC333	George	2025-11-30	\$0.00	
	RENT	CCC333	Anne	2025-11-30	\$100.00	
	RENT	CCC333	Anne	2025-11-30	\$100.00	

Task 2

2.1

```
VehicleRentalApp (1) [Java Application] /Library/Java/Java
```

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate: AAA100
Enter make: toyota
Enter model: camry
Enter year: 2016
Enter number of seats: 4
Car created.
Vehicle added successfully.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate: ABC567
Enter make: honda
Enter model: civic
Enter year: 2024
Enter number of seats: 6
Car created.
Vehicle added successfully.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate: ZZZ999
Enter make: toyota
Enter model: rav4
Enter year: 2023
Enter number of seats: 4
Car created.
Vehicle added successfully.
```

```
VehicleRentalApp [1] [Java Application] /Library/Java/JavaVirtualMachines/jdk-21.jdk/Contents/Home/bin/java -Xmx1024m -Dfile.encoding=UTF-8 -jar VehicleRentalApp.jar
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate:
Enter make: toyota
Enter model: camry
Enter year: 2003
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate: AAA1000
Enter make: toyota
Enter model: camry
Enter year: 2023
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit

1
1: Car
2: Minibus
3: Pickup Truck
1
Enter license plate: ZZZ99
Enter make: toyota
Enter model: rav4
Enter year: 2023
Enter number of seats: 4
Car created.
Error: Invalid license plate format. Must be 3 letters followed by 3 numbers.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
0: Exit
```

Task 1

1.1

A screenshot of a GitHub commit history for a repository named 'HashtagFootballer'. The commits are listed in chronological order from top to bottom. Most commits were made 2 weeks ago, except for two recent ones made 1 minute ago. The commits are as follows:

Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
Minibus.java	Initial work	2 weeks ago
PickupTruck.java	Initial work	2 weeks ago
Rentable.java	Initial work	2 weeks ago
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RentalSystem.java	added the necessary changes for singleton design task 1.1	1 minute ago
SportCar.java	Initial work	2 weeks ago
Vehicle.java	Initial work	2 weeks ago
VehicleRentalApp.java	added the necessary changes for singleton design task 1.1	1 minute ago

1.2

A screenshot of a GitHub commit history for a repository named 'HashtagFootballer'. The commits are listed in chronological order from top to bottom. Most commits were made 2 weeks ago, except for one recent commit made now. The commits are as follows:

Car.java	Initial work	2 weeks ago
Customer.java	Initial work	2 weeks ago
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