

COIS-2240-Assignment3 Task 1 Output

Add two customers:	
(ID: 001, Name: George)	(ID: 002, Name: Anne)
<--Main-Menu--> 1: Add Vehicle 2: Add Customer 3: Rent Vehicle 4: Return Vehicle 5: Display Available Vehicles 6: Show Rental History 0: Exit Make selection: 2 Enter customer ID: 001 Enter name: George Customer added.	<--Main-Menu--> 1: Add Vehicle 2: Add Customer 3: Rent Vehicle 4: Return Vehicle 5: Display Available Vehicles 6: Show Rental History 0: Exit Make selection: 2 Enter customer ID: 002 Enter name: Anne Customer added.

Add three vehicles:		
(Plate: AAA111, Make: Toyota, Model: Corolla, Year: 2019)	(Plate: BBB222, Make: Honda, Model: Civic, Year: 2021)	(Plate: CCC333, Make: Ford, Model: Focus, Year: 2024)
<--Main-Menu--> 1: Add Vehicle 2: Add Customer 3: Rent Vehicle 4: Return Vehicle 5: Display Available Vehicles 6: Show Rental History 0: Exit Make selection: 1 1: Car 2: Motorcycle 3: Truck 1 Enter license plate: AAA111 Enter make: Toyota Enter model: Corolla Enter year: 2019 Enter number of seats: 4 Vehicle added.	<--Main-Menu--> 1: Add Vehicle 2: Add Customer 3: Rent Vehicle 4: Return Vehicle 5: Display Available Vehicles 6: Show Rental History 0: Exit Make selection: 1 1: Car 2: Motorcycle 3: Truck 1 Enter license plate: BBB222 Enter make: Honda Enter model: Civic Enter year: 2021 Enter number of seats: 4 Vehicle added.	<--Main-Menu--> 1: Add Vehicle 2: Add Customer 3: Rent Vehicle 4: Return Vehicle 5: Display Available Vehicles 6: Show Rental History 0: Exit Make selection: 1 1: Car 2: Motorcycle 3: Truck 1 Enter license plate: CCC333 Enter make: Ford Enter model: Focus Enter year: 2024 Enter number of seats: 4 Vehicle added.

Rent and return vehicles as follows:

Customer with ID 001 (George) rents AAA111 and CCC333.	Enter license plate: AAA111 Registered Customers: 1 George 2 Anne Enter customer name: George Enter rental amount: 300 Vehicle rented to George	Enter license plate: CCC333 Registered Customers: 1 George 2 Anne Enter customer name: George Enter rental amount: 300 Vehicle rented to George
Customerwith ID 002 (Anne) rents BBB222 and CCC333.	Enter license plate: BBB222 Registered Customers: 1 George 2 Anne Enter customer name: Anne Enter rental amount: 300 Vehicle rented to Anne	Enter license plate: CCC333 Registered Customers: 1 George 2 Anne Enter customer name: Anne Enter rental amount: 300 Vehicle is not available for renting.
Customerwith ID 001 returns CCC333	Enter license plate: CCC333 Registered Customers: 1 George 2 Anne Enter customer name: George Enter return fees: 300 Vehicle returned by George	
Customerwith ID 002 rents CCC333 again.	Enter license plate: CCC333 Registered Customers: 1 George 2 Anne Enter customer name: Anne Enter rental amount: 300 Vehicle rented to Anne	

Display the available vehicles:

<--Main-Menu-->

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

Make selection: 5

Type	Plate	Make	Model	Year
Truck	DDD444	Chevrolet	Silverado	2004
Motorcycle	BDA123	Kawaski	KLR650	2015

Show the full rental history:

Rental History:

RENT Plate: AAA111 Customer: George Date: 2025-04-09 Amount: \$300.0

RENT | Plate: CCC333 | Customer: George | Date: 2025-04-09 | Amount: \$300.0

RENT | Plate: BBB222 | Customer: Anne | Date: 2025-04-09 | Amount: \$300.0

RETURN | Plate: CCC333 | Customer: George | Date: 2025-04-09 | Amount: \$300.0

RENT Plate: CCC333 | Customer: Anne | Date: 2025-04-09 Amount: \$300.0