

Task 1 outputs

John Bushie

1. Add customers --note(error lines at the top purposely captured to show that the .txt files aren't made yet until content is added)

```
Error loading Vehicles: vehicles.txt (The system cannot find the file specified)
History may not exist yet

Error loading Customers: customers.txt (The system cannot find the file specified)
History may not exist yet

Error loading Rental_Record: rental_records.txt (The system cannot find the file specified)
History may not exist yet

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 2
Enter customer ID: 001
Enter name: George
Customer added.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 2
Enter customer ID: 002
Enter name: Anne
Customer added.
```

2. Add vehicles

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 1
  1: Car
  2: Motorcycle
  3: Truck
Enter here => 1
Enter license plate: AAA111
Enter make: Toyota
Enter model: Corolla
Enter year: 2019
Enter number of seats: 4

Car added successfully.
Vehicle added.

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 1
  1: Car
  2: Motorcycle
  3: Truck
Enter here => 1
Enter license plate: BBB222
Enter make: Honda
Enter model: Civic
Enter year: 2021
Enter number of seats: 5

Car added successfully.
Vehicle added.
```

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 1|
  1: Car
  2: Motorcycle
  3: Truck
Enter here => 1
Enter license plate: CCC333
Enter make: Ford
Enter model: Focus
Enter year: 2024
Enter number of seats: 5

Car added successfully.
Vehicle added.
```

3. Rent and return vehicles

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 3
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
|-----|-----|-----|-----|-----|
|   Car    |   AAA111  |   Toyota |   Corolla |   2019   |
|   Car    |   BBB222  |   Honda  |   Civic   |   2021   |
|   Car    |   CCC333  |   Ford   |   Focus   |   2024   |

Enter license plate: AAA111
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: George
Enter rental amount: 50

Vehicle rented to George

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 3
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
|-----|-----|-----|-----|-----|
|   Car    |   BBB222  |   Honda  |   Civic   |   2021   |
|   Car    |   CCC333  |   Ford   |   Focus   |   2024   |

Enter license plate: CCC333
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: George
Enter rental amount: 100

Vehicle rented to George

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 3
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
|-----|-----|-----|-----|-----|
|   Car    |   BBB222  |   Honda  |   Civic   |   2021   |

Enter license plate: BBB222
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: Anne
Enter rental amount: 20

Vehicle rented to Anne

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 3
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
|-----|-----|-----|-----|-----|

Enter license plate: CCC333
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: Anne
Enter rental amount: 10

Vehicle is not available for renting.
```

```

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 4
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
-----
Enter license plate: CCC333
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: George
Enter return fees: 10

Vehicle returned by George

```

```

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 3
List of Vehicles:
|   Type   |   Plate   |   Make   |   Model   |   Year   |
-----
|   Car    |   CCC333  |   Ford   |   Focus   |   2024   |

Enter license plate: CCC333
Registered Customers:
  Customer ID: 1 | Name: George
  Customer ID: 2 | Name: Anne
Enter customer name: Anne
Enter rental amount: 25

Vehicle rented to Anne

```

4. Display available vehicles

```

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 5
|   Type   |   Plate   |   Make   |   Model   |   Year   |
-----

1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here =>

```

5. Display rental history

```
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here => 6
Rental History:
RENT | Plate: AAA111 | Customer: George | Date: 2025-04-04 | Amount: $50.0
RENT | Plate: CCC333 | Customer: George | Date: 2025-04-04 | Amount: $100.0
RENT | Plate: BBB222 | Customer: Anne | Date: 2025-04-04 | Amount: $20.0
RETURN | Plate: CCC333 | Customer: George | Date: 2025-04-04 | Amount: $10.0
RENT | Plate: CCC333 | Customer: Anne | Date: 2025-04-04 | Amount: $25.0
1: Add Vehicle
2: Add Customer
3: Rent Vehicle
4: Return Vehicle
5: Display Available Vehicles
6: Show Rental History
7: Exit
Enter here =>
```