

In []: *# CarRentalProject.ipynb*

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from CarRentalModule import CarRental, Customer

def main():
    total_cars = 10 # Total number of cars is set as 10.
    car_rental = CarRental(total_cars)
    customer = Customer("Sushma")

    print("Hi {}".format(customer.name))

    while True:
        print("\n1. Display available cars")
        print("2. Rent cars")
        print("3. Return cars")
        print("4. Exit")
        choice = input("Enter your choice (1/2/3/4): ")

        if choice == "1":
            car_rental.display_available_cars()
        elif choice == "2":
            num_cars = int(input("Enter the number of cars to rent: "))
            rental_mode = input("Enter rental mode (hourly/daily/weekly): ")
            message = customer.request_cars(car_rental, num_cars, rental_mode)
            print(message)
        elif choice == "3":
            num_cars = int(input("Enter the number of cars to return: "))
            message = customer.return_cars(car_rental, num_cars)
            print(message)
        elif choice == "4":
            print("Exiting the car rental system.")
            break
        else:
            print("Invalid choice. Please enter a valid option.")

if __name__ == "__main__":
    main()
```

In []: