**READ ME**

This is a car rental system. Since it is a console-based application, some functions would be needed to be commented out to be able to run a particular function.

The app.js file is in a js folder so the command to run the project is: node js/app.js

There are two JSON files i.e. customer.json and car.json which are the local storage areas of the data that is being passed.

* Car is the base/parent class with attributes like carID, carName, CarCompany, carMileage etc.
* It has the following functions:

1. addCar() : The data passed in the object will be stored in the JSON file when you call this function.
2. listOfCars(): When this function is called, the JSON file is read and all entries are displayed on the console from car.json.
3. removeCar(): This uses process.argv. So when an object is created and this function is called, you need to send the ID of the car you want to delete. **node js/app.js 1003**
4. availableFor() and ableToRent() will check a condition from the passed values and output the appropriate result.

* FamilyCar inherits Car class and overrides listOfCars() , availableFor () functions.
* It has the following functions:

1. rentPrice(): This again uses the process.argv. You need to send the number of days you want the car for, when the function is called and command on terminal is: node js/app.js 5

It accepts this value, checks a condition and outputs the rent you will need to pay.

1. listOfCars(): This function when called, reads the car.json file and checks if the carType is family and outputs the list of family cars.
2. bookingDetails(): Will output the booking details like booking time, booking date that was passed while adding/booking that car.
3. availableFor(): Minimum days the car is available for.

* MoversCar inherits Car class and overrides listOfCars() and availableFor() functions.
* It has the following functions:

1. rentPrice(): This again uses the process.argv. You need to send the number of days you want the car for, when the function is called and command on terminal is: node js/app.js 5

It accepts this value, checks a condition and outputs the rent you will need to pay.

1. listOfCars(): This function when called, reads the car.json file and checks if the carType is moving and outputs the list of family cars.
2. bookingDetails(): Will output the booking details like booking time, booking date that was passed while adding/booking that car.
3. availableFor(): Minimum days the car is available for.

* Customer Class and its functions are for handling the operations related to the records of the customers. The customer details are stored in customer.json.
* It has the following functions which can be called when an object of customer class is created and necessary attributes passed.

1. addCustomer(): The details will be added to the JSON file from the object.
2. viewCustomers(): Reads the JSON file and outputs the records on console.
3. removeCustomer(): uses process.argv. you need to send ID of the customer whose record you want to delete.

node js/app.js 1. It will process it and delete from JSON file.