

Home Task: **Car Garage**

**By** Natanel Dvir

Github.com/natithedvir

Modularity of classes:

**Car Electric/Regular Car**

**Vehicle Motorcycle Electric/Regular Motorcycle**

**Truck**

Installation:

• Use IntelliJ IDE (Or any other IDE) , and start server from "CarGarageApplication".

• Use Postman to send/get requests with the URLs ill provide.

Endpoints:

Provide a JSON of this format:

"modelName":"SubaroPesha",

"vehicleType":"regularcar",

"licenseNumber":"991",

"maxTirePres":"36",

"availableEnergy":"100"

**Add a new vehicle to the vehicle's collection :**

(POST)localhost:8080/api/v1/vehicle

**Retrieve a single vehicle by license number:**

(GET) localhost:8080/api/v1/vehicle/**{license number}  
  
Retrieve all of the available vehicles:**

(GET) localhost:8080/api/v1/vehicle

**BONUS: Get vehicles by ascending or descending license number:**localhost:8080/api/v1/vehicle?sort=asc

localhost:8080/api/v1/vehicle?sort=desc **Inflate vehicle tires to maximum pressure:**

(PUT) localhost:8080/api/v1/vehicle**/inflate/{license number}**

**Add energy (Refuel a vehicle or recharge) by license number:**

(PUT) localhost:8080/api/v1/vehicle**/fuelOrCharge/{license number}**