

GET Car Details with JPQL Query

Overview:

Get the car details using JPQL Query operations.

Functional Requirements:

- Build an application for getting student details.
- Have to create a folder named “Controllers” inside the springapp in src.
- Inside the Controllers create a java file named “ApiController.java”.
- Next have to create the same inside the springapp named as “Models”.
- Inside Models, you should create the java file named “Car .java”.
- And create Repositories folder and inside that create "CarRepo.java"
- Create 7 variables
 - 1. id - int
 - 2. carName- string
 - 3. carType- string
 - 4. owners- int
 - 5. currentOwnerName- string
 - 6. mobile- long
 - 7. address- string
- as well as create getters and setters and constructors for the corresponding variables.
- Finally, create the "Service" folder, and inside that create the "ApiService.java" file.
- The project structure looks like this image

```
> .mvn
> .vscode
✓ src
  ✓ main
    ✓ java\com\example\springapp
      ✓ Controllers
        J ApiController.java
      ✓ Models
        J Car.java
      ✓ Repositories
        J CarRepo.java
      ✓ Services
        J ApiService.java
        J SpringappApplication.java
    > resources
  > test
> target
📄 .gitignore
📄 HELP.md
📍 mvnw
📄 mvnw.cmd
📄 pom.xml
```

Core Platform

OpenJDK 11

API:

POST - "/"

GET- "/owners/{owners}"

GET - "/address/{address}"

GET- "/carname/{carname}"

GET- "/owners/{owners}/cartype/{cartype}"

API endpoint:

8080

Platform Guidelines:

To run the command use **Terminal** in the platform.

Spring Boot:

To start/run the application '**mvn spring-boot:run**'