***Assumptions made:***

1. Slots are booked and queried only for the current day.
2. At one time only a booking of 1 hr can be made.
3. I have divided 24 hours into 24 slots. I.e

       0-1 - slot 1

       1-2 - slot 2

       …

***Database used:***
I have used h2 embedded database

***Postman collection link:***
https://github.com/Vivek-pareek/car-service-management/blob/main/car-service-management-apis.postman_collection.json

**Instructions to run jar file:**
1. Install Java 8 and make sure setup of environment variables is fine
2. Clone the git repo : https://github.com/Vivek-pareek/car-service-management
3. In the path https://github.com/Vivek-pareek/car-service-management/tree/main/target

Run **java -jar target/car-service-management-1.0-SNAPSHOT.jar**

This will bring the application up on 8080 port. Now you can access the apis' from browser or postman.

Note: I have not followed the spring boot project structure i.e I have not modularized the code into different modules such as service, bean etc. The project itself is quite small so did not adhere to the structure.