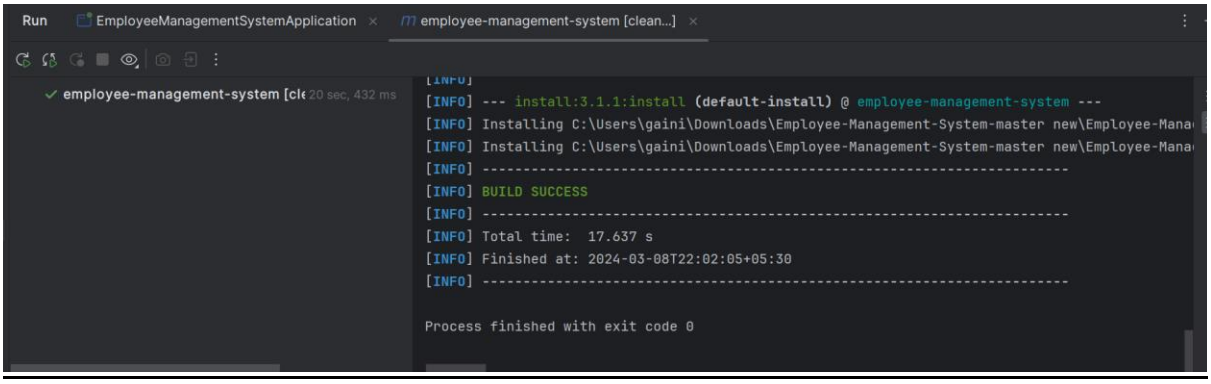
Employee-Management-System Project

Did the maven clean install:

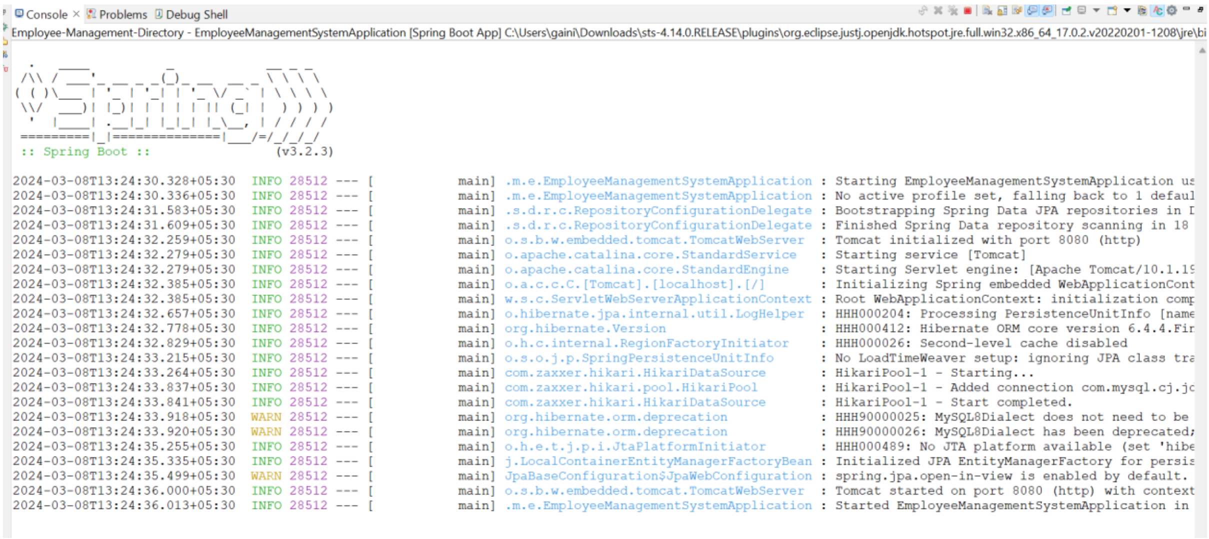


Run
EmployeeManagementSystemApplication
employee-management-system [clean...]
✓ employee-management-system [cle 20 sec, 432 ms

```
[INFO] --- install:3.1.1:install (default-install) @ employee-management-system ---
[INFO] Installing C:\Users\gaini\Downloads\Employee-Management-System-master new\Employee-Mana
[INFO] Installing C:\Users\gaini\Downloads\Employee-Management-System-master new\Employee-Mana
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  17.637 s
[INFO] Finished at: 2024-03-08T22:02:05+05:30
[INFO] ------------------------------------------------------------------------

Process finished with exit code 0
```

Application started successfully:

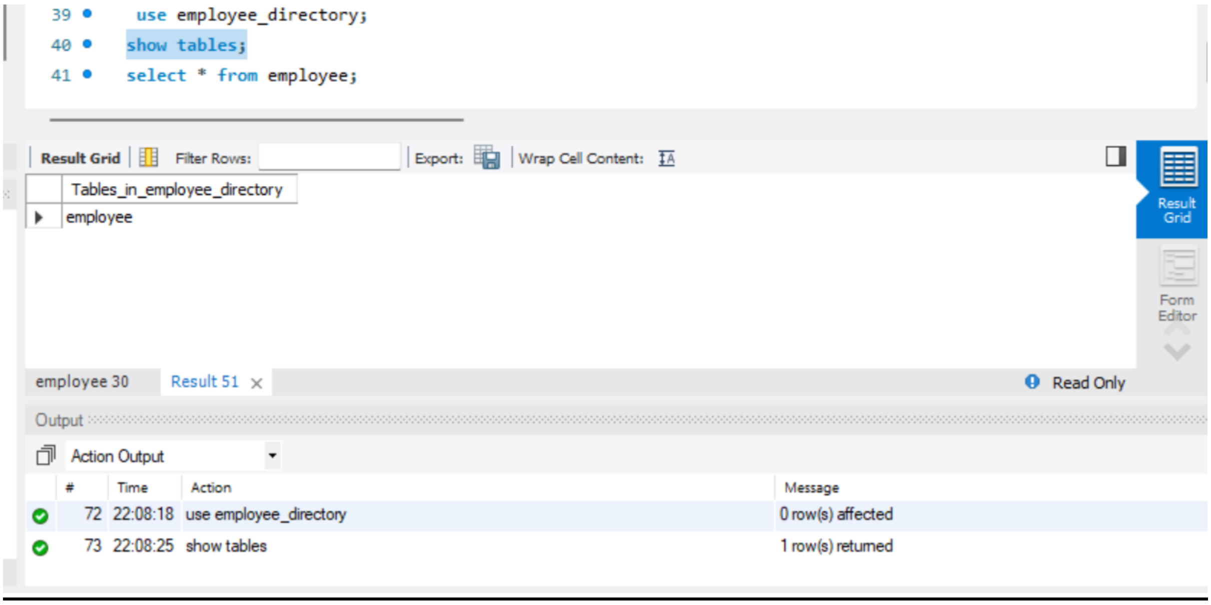


Employee-Management-Directory - EmployeeManagementSystemApplication [Spring Boot App] C:\Users\gaini\Downloads\sts-4.14.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v20220201-1208\jre\bi

```
  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::                (v3.2.3)

2024-03-08T13:24:30.328+05:30  INFO 28512 --- [           main] .m.e.EmployeeManagementSystemApplication : Starting EmployeeManagementSystemApplication us
2024-03-08T13:24:30.336+05:30  INFO 28512 --- [           main] .m.e.EmployeeManagementSystemApplication : No active profile set, falling back to 1 defaul
2024-03-08T13:24:31.583+05:30  INFO 28512 --- [           main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in I
2024-03-08T13:24:31.609+05:30  INFO 28512 --- [           main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 18
2024-03-08T13:24:32.259+05:30  INFO 28512 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port 8080 (http)
2024-03-08T13:24:32.279+05:30  INFO 28512 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2024-03-08T13:24:32.279+05:30  INFO 28512 --- [           main] o.apache.catalina.core.StandardEngine    : Starting Servlet engine: [Apache Tomcat/10.1.19
2024-03-08T13:24:32.385+05:30  INFO 28512 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationCont
2024-03-08T13:24:32.385+05:30  INFO 28512 --- [           main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization comp
2024-03-08T13:24:32.657+05:30  INFO 28512 --- [           main] o.hibernate.jpa.internal.util.LogHelper  : HHH000204: Processing PersistenceUnitInfo [name
2024-03-08T13:24:32.778+05:30  INFO 28512 --- [           main] org.hibernate.Version                    : HHH000412: Hibernate ORM core version 6.4.4.Fir
2024-03-08T13:24:32.829+05:30  INFO 28512 --- [           main] o.h.c.internal.RegionFactoryInitiator    : HHH000026: Second-level cache disabled
2024-03-08T13:24:33.215+05:30  INFO 28512 --- [           main] o.s.o.j.p.SpringPersistenceUnitInfo      : No LoadTimeWeaver setup: ignoring JPA class tra
2024-03-08T13:24:33.264+05:30  INFO 28512 --- [           main] com.zaxxer.hikari.HikariDataSource       : HikariPool-1 - Starting...
2024-03-08T13:24:33.837+05:30  INFO 28512 --- [           main] com.zaxxer.hikari.pool.HikariPool        : HikariPool-1 - Added connection com.mysql.cj.jc
2024-03-08T13:24:33.841+05:30  INFO 28512 --- [           main] com.zaxxer.hikari.HikariDataSource       : HikariPool-1 - Start completed.
2024-03-08T13:24:33.918+05:30  WARN 28512 --- [           main] org.hibernate.orm.deprecation            : HHH90000025: MySQL8Dialect does not need to be
2024-03-08T13:24:33.920+05:30  WARN 28512 --- [           main] org.hibernate.orm.deprecation            : HHH90000026: MySQL8Dialect has been deprecated;
2024-03-08T13:24:35.255+05:30  INFO 28512 --- [           main] o.h.e.t.j.p.i.JtaPlatformInitiator       : HHH000489: No JTA platform available (set 'hibe
2024-03-08T13:24:35.335+05:30  INFO 28512 --- [           main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persis
2024-03-08T13:24:35.499+05:30  WARN 28512 --- [           main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default.
2024-03-08T13:24:36.000+05:30  INFO 28512 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port 8080 (http) with context
2024-03-08T13:24:36.013+05:30  INFO 28512 --- [           main] .m.e.EmployeeManagementSystemApplication : Started EmployeeManagementSystemApplication in
```

MySQL database and table creation:

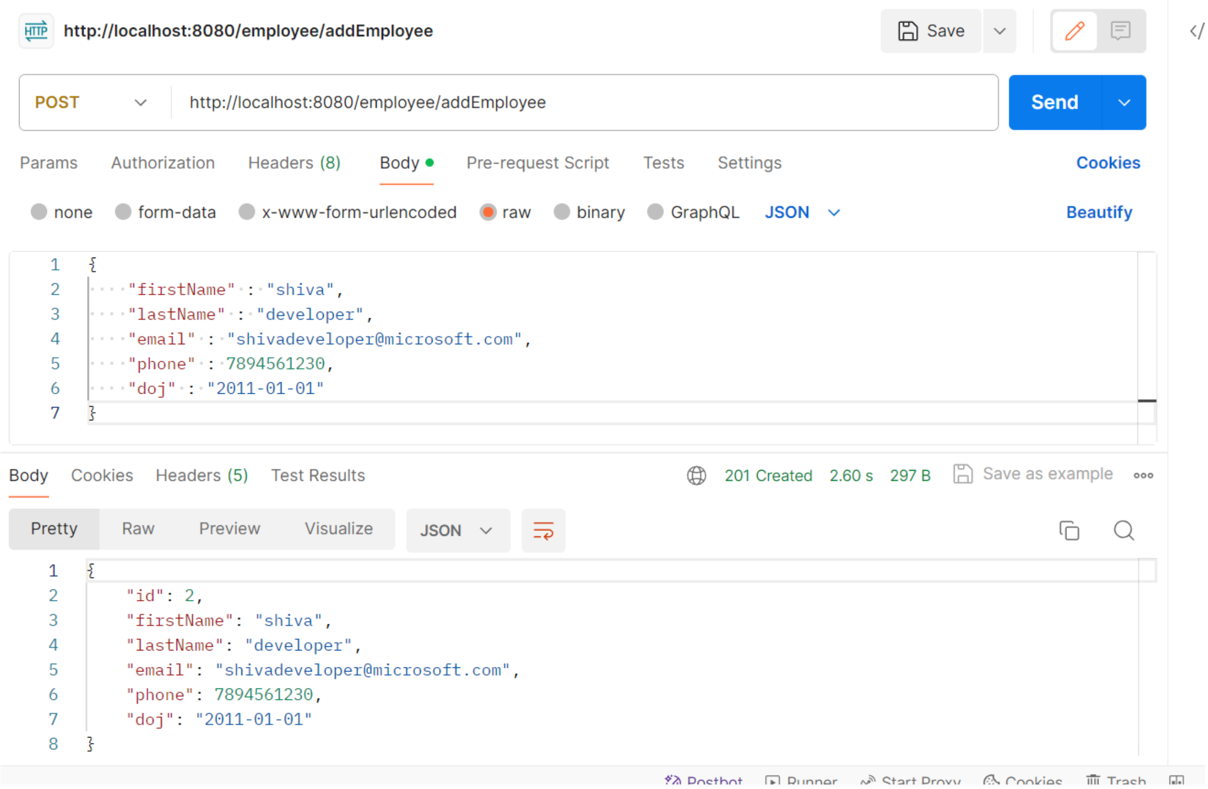


```
use employee_directory;
show tables;
select * from employee;
```

Tables_in_employee_directory
employee

	#	Time	Action	Message
✓	72	22:08:18	use employee_directory	0 row(s) affected
✓	73	22:08:25	show tables	1 row(s) returned

Adding the details with POST command:



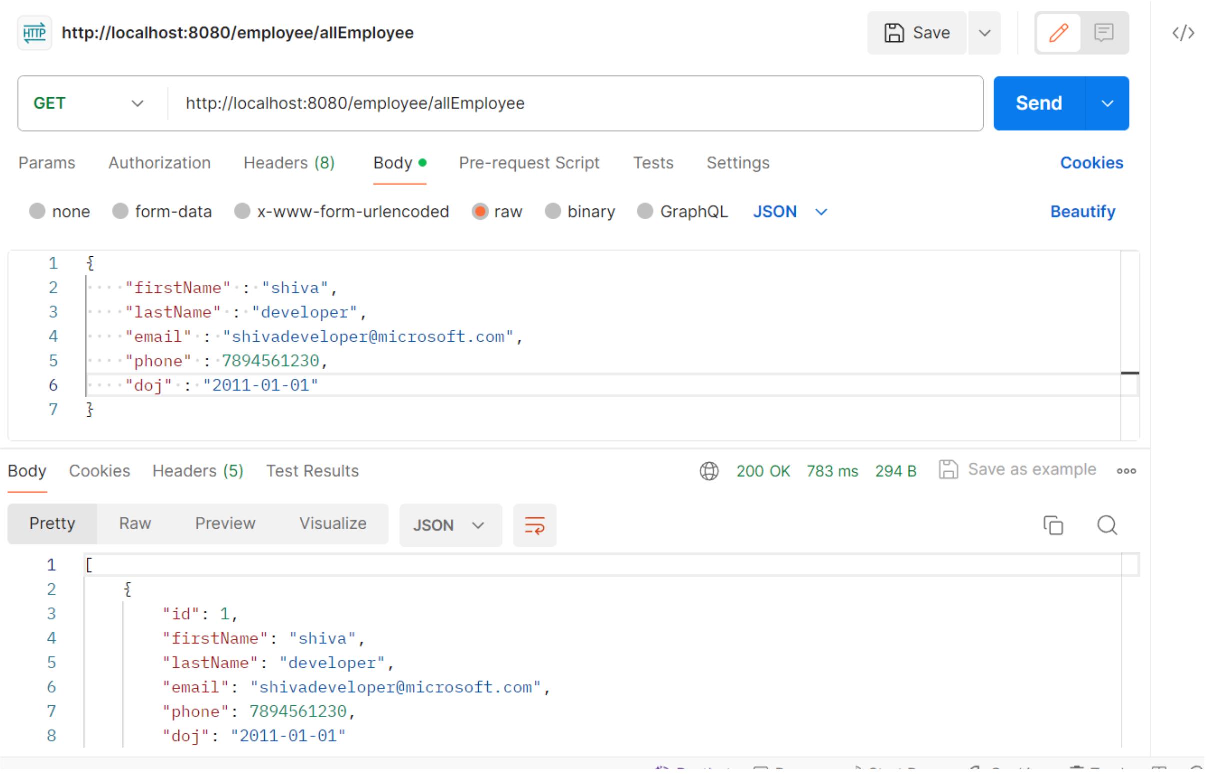
http://localhost:8080/employee/addEmployee

POST http://localhost:8080/employee/addEmployee

```
{
    "firstName" : "shiva",
    "lastName" : "developer",
    "email" : "shivadeveloper@microsoft.com",
    "phone" : 7894561230,
    "doj" : "2011-01-01"
}
```

201 Created 2.60 s 297 B

```
{
    "id": 2,
    "firstName": "shiva",
    "lastName": "developer",
    "email": "shivadeveloper@microsoft.com",
    "phone": 7894561230,
    "doj": "2011-01-01"
}
```

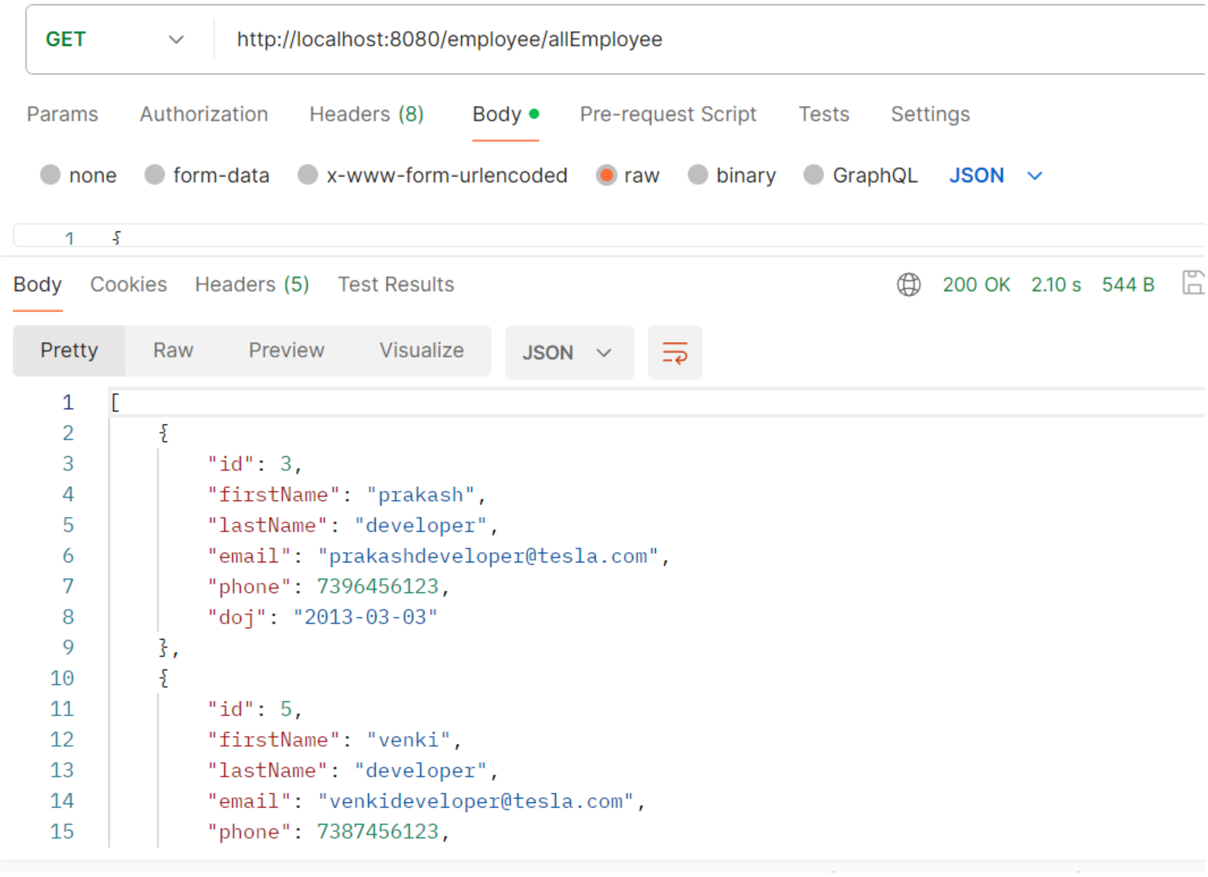

http://localhost:8080/employee/allEmployee
Save
GET
http://localhost:8080/employee/allEmployee
Send
Params Authorization Headers (8) Body ● Pre-request Script Tests Settings Cookies
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON
Beautify

```
{
    "firstName" : "shiva",
    "lastName" : "developer",
    "email" : "shivadeveloper@microsoft.com",
    "phone" : 7894561230,
    "doj" : "2011-01-01"
}
```

Body Cookies Headers (5) Test Results
200 OK 783 ms 294 B
Save as example
Pretty Raw Preview Visualize JSON

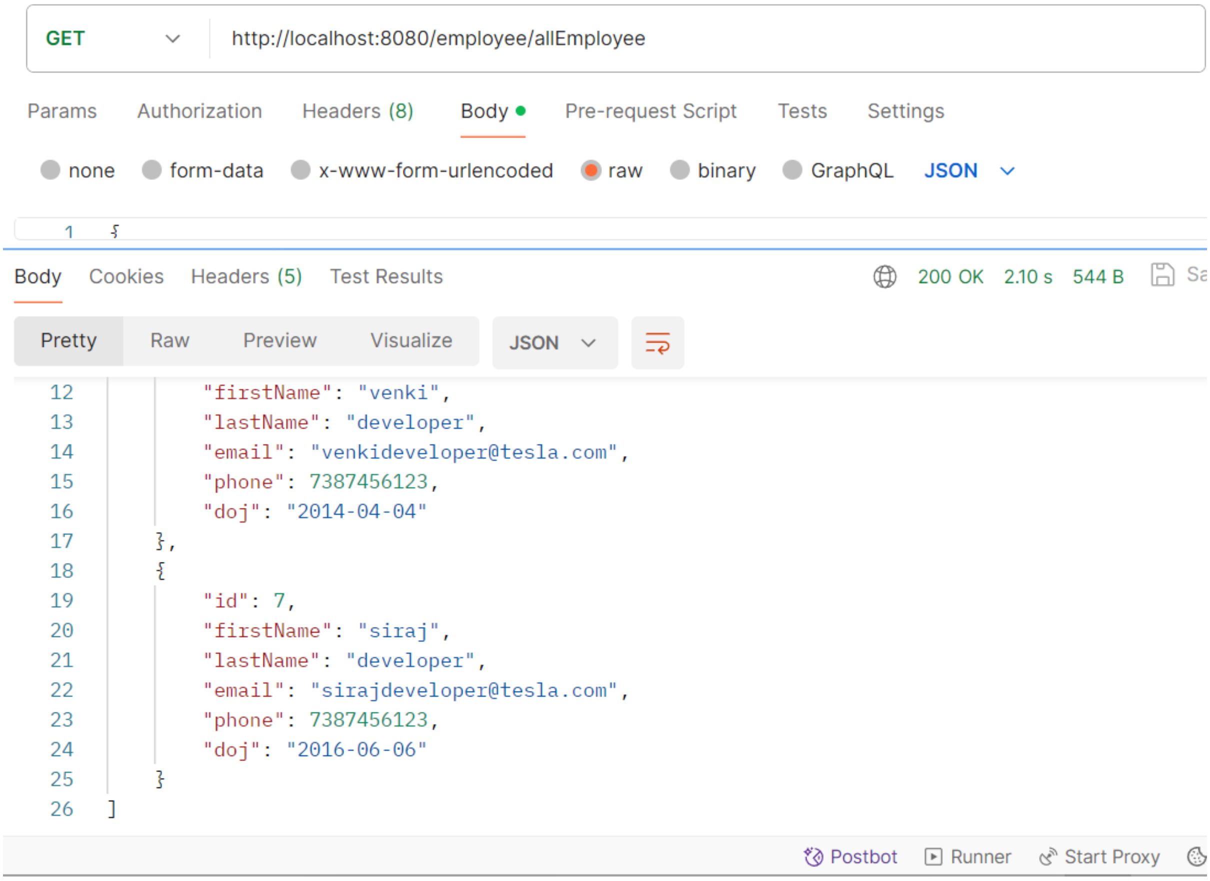
```
[
    {
        "id": 1,
        "firstName": "shiva",
        "lastName": "developer",
        "email": "shivadeveloper@microsoft.com",
        "phone": 7894561230,
        "doj": "2011-01-01"
```

Fetching all the details using GET command:


GET
http://localhost:8080/employee/allEmployee
Params Authorization Headers (8) Body ● Pre-request Script Tests Settings
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON
Body Cookies Headers (5) Test Results
200 OK 2.10 s 544 B
Pretty Raw Preview Visualize JSON

```
{
```

```
[
    {
        "id": 3,
        "firstName": "prakash",
        "lastName": "developer",
        "email": "prakashdeveloper@tesla.com",
        "phone": 7396456123,
        "doj": "2013-03-03"
    },
    {
        "id": 5,
        "firstName": "venki",
        "lastName": "developer",
        "email": "venkideveloper@tesla.com",
        "phone": 7387456123,
```



GET http://localhost:8080/employee/allEmployee

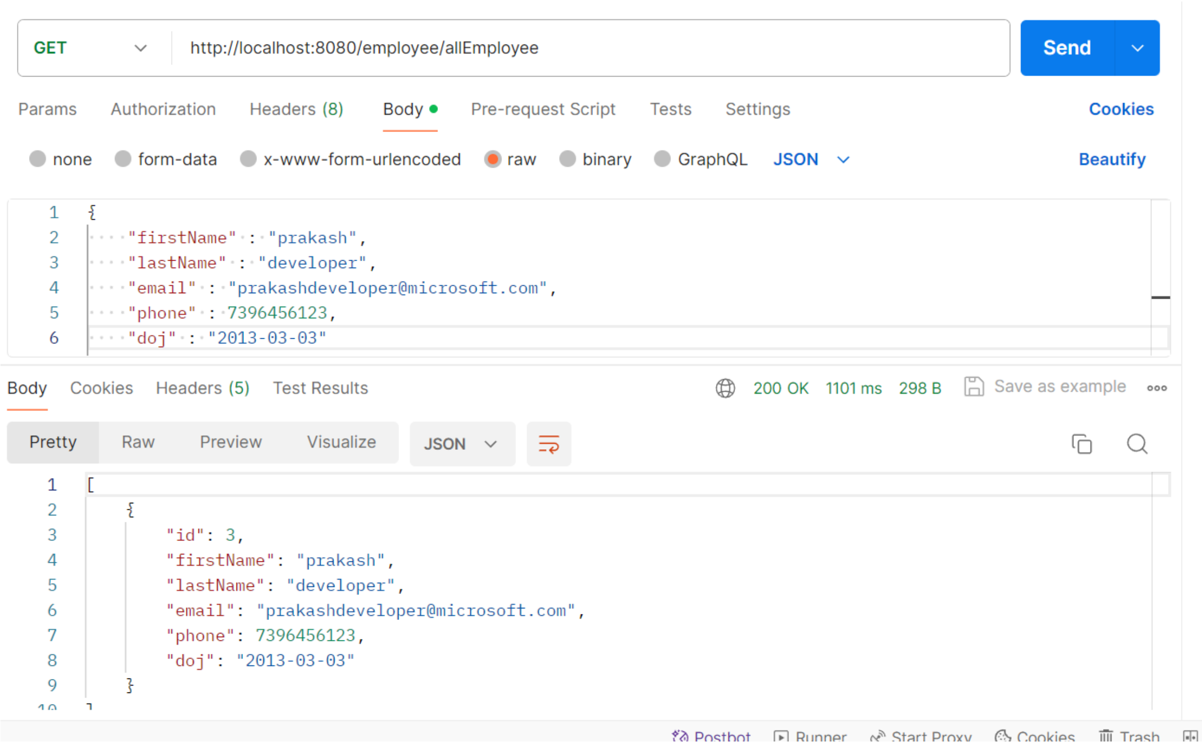
JSON

200 OK 2.10 s 544 B

```
{
```

```
            "firstName": "venki",
            "lastName": "developer",
            "email": "venkideveloper@tesla.com",
            "phone": 7387456123,
            "doj": "2014-04-04"
        },
        {
            "id": 7,
            "firstName": "siraj",
            "lastName": "developer",
            "email": "sirajdeveloper@tesla.com",
            "phone": 7387456123,
            "doj": "2016-06-06"
        }
]
```

Before using Update command the table looks like:



GET http://localhost:8080/employee/allEmployee

JSON

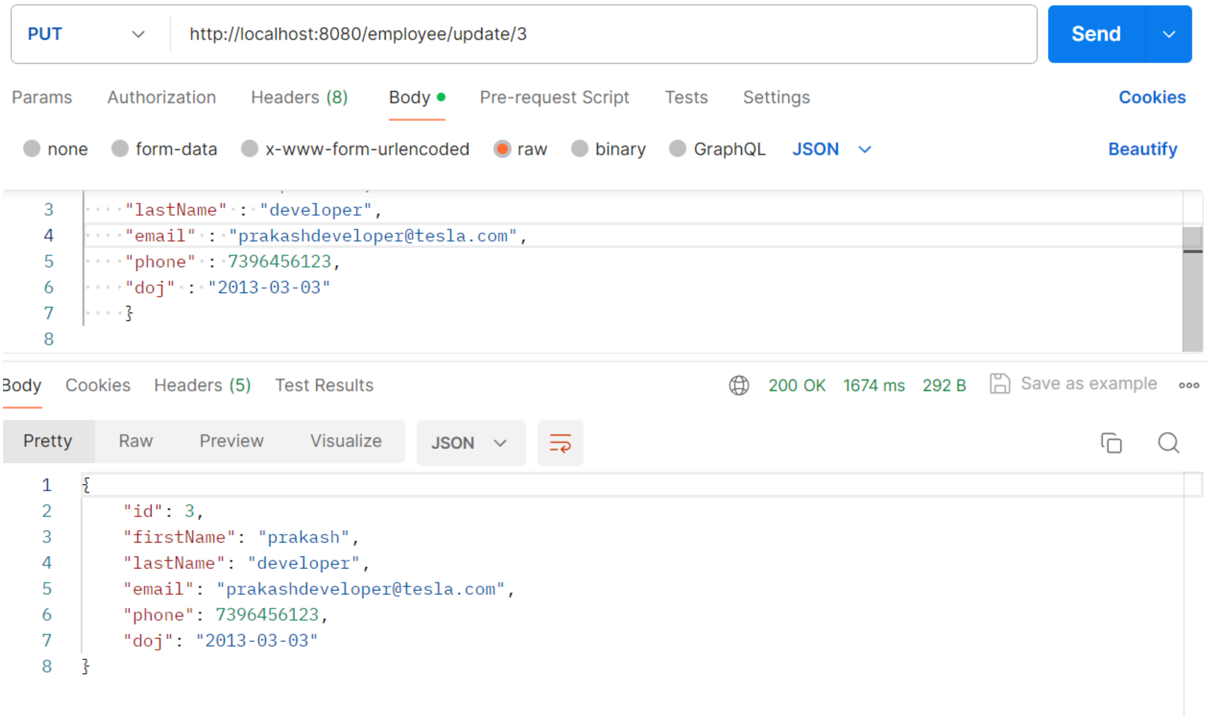
```
{
    "firstName" : "prakash",
    "lastName" : "developer",
    "email" : "prakashdeveloper@microsoft.com",
    "phone" : 7396456123,
    "doj" : "2013-03-03"
```

200 OK 1101 ms 298 B

JSON

```
[
    {
        "id": 3,
        "firstName": "prakash",
        "lastName": "developer",
        "email": "prakashdeveloper@microsoft.com",
        "phone": 7396456123,
        "doj": "2013-03-03"
    }
]
```

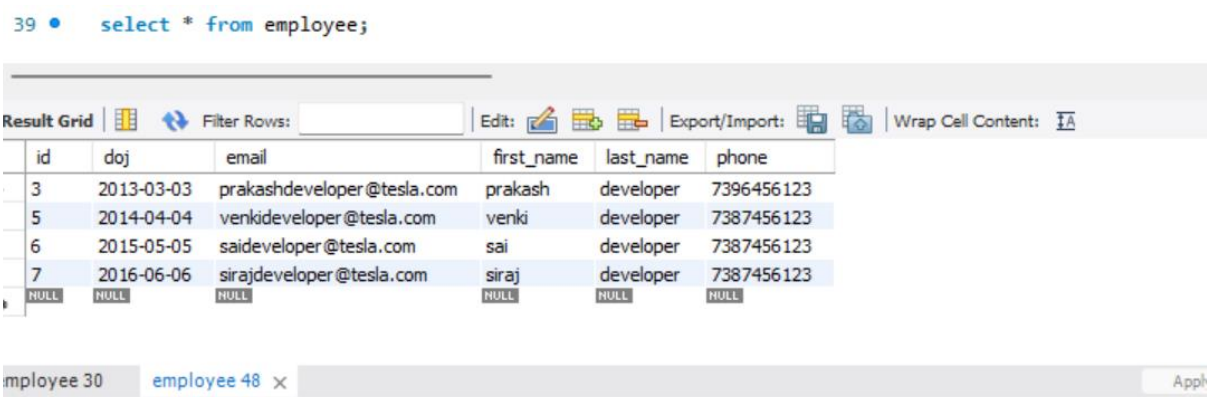
After using Update command:



```
    "lastName" : "developer",
    "email" : "prakashdeveloper@tesla.com",
    "phone" : 7396456123,
    "doj" : "2013-03-03"
    }
```

```
{
    "id": 3,
    "firstName": "prakash",
    "lastName": "developer",
    "email": "prakashdeveloper@tesla.com",
    "phone": 7396456123,
    "doj": "2013-03-03"
}
```

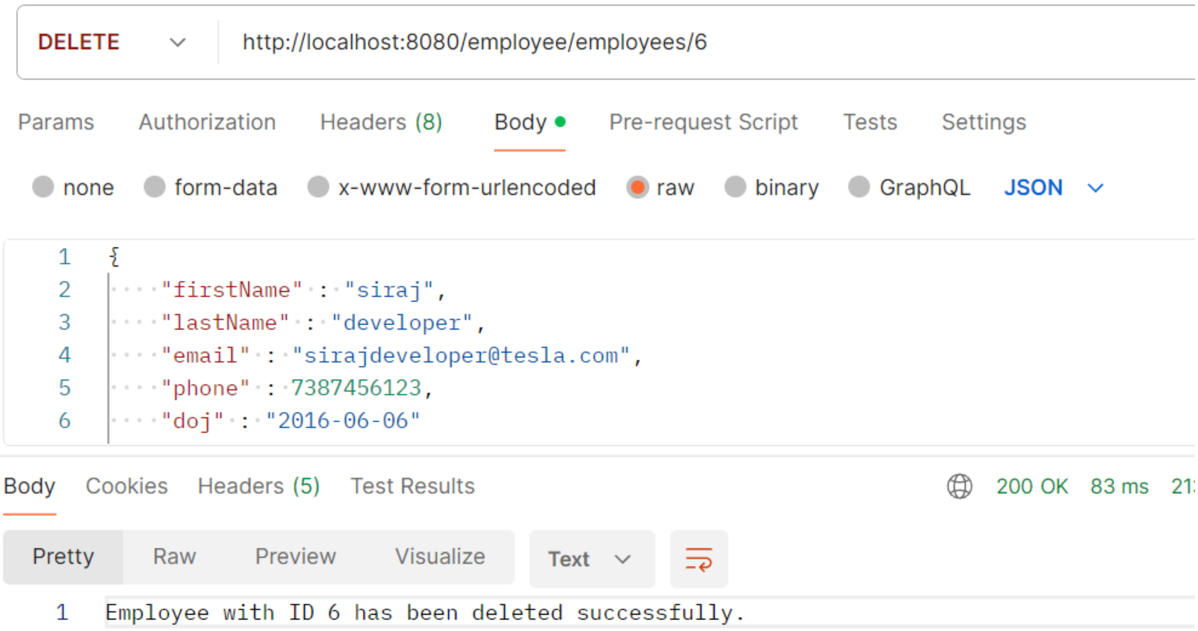
Before using deleting command the table looks like:



```
39 ●   select * from employee;
```

id	doj	email	first_name	last_name	phone
3	2013-03-03	prakashdeveloper@tesla.com	prakash	developer	7396456123
5	2014-04-04	venkideveloper@tesla.com	venki	developer	7387456123
6	2015-05-05	saideveloper@tesla.com	sai	developer	7387456123
7	2016-06-06	sirajdeveloper@tesla.com	siraj	developer	7387456123
NULL	NULL	NULL	NULL	NULL	NULL

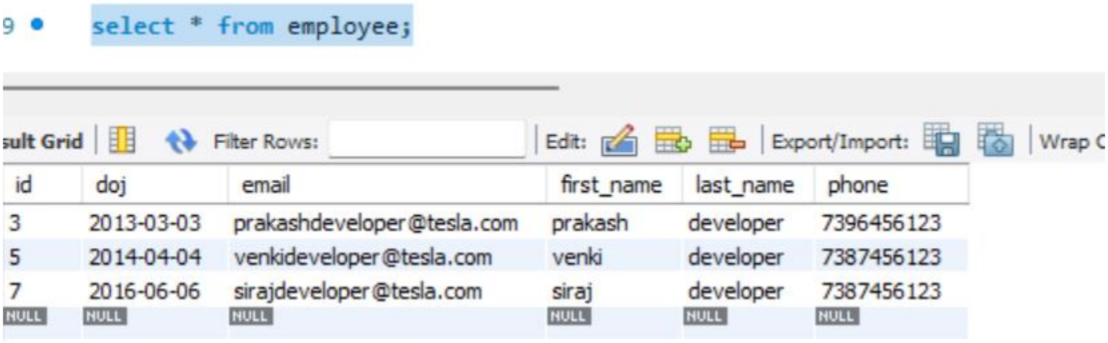
Before using deleting command the table looks like:



```
http://localhost:8080/employee/employees/6
```

```
{
    "firstName" : "siraj",
    "lastName" : "developer",
    "email" : "sirajdeveloper@tesla.com",
    "phone" : 7387456123,
    "doj" : "2016-06-06"
```

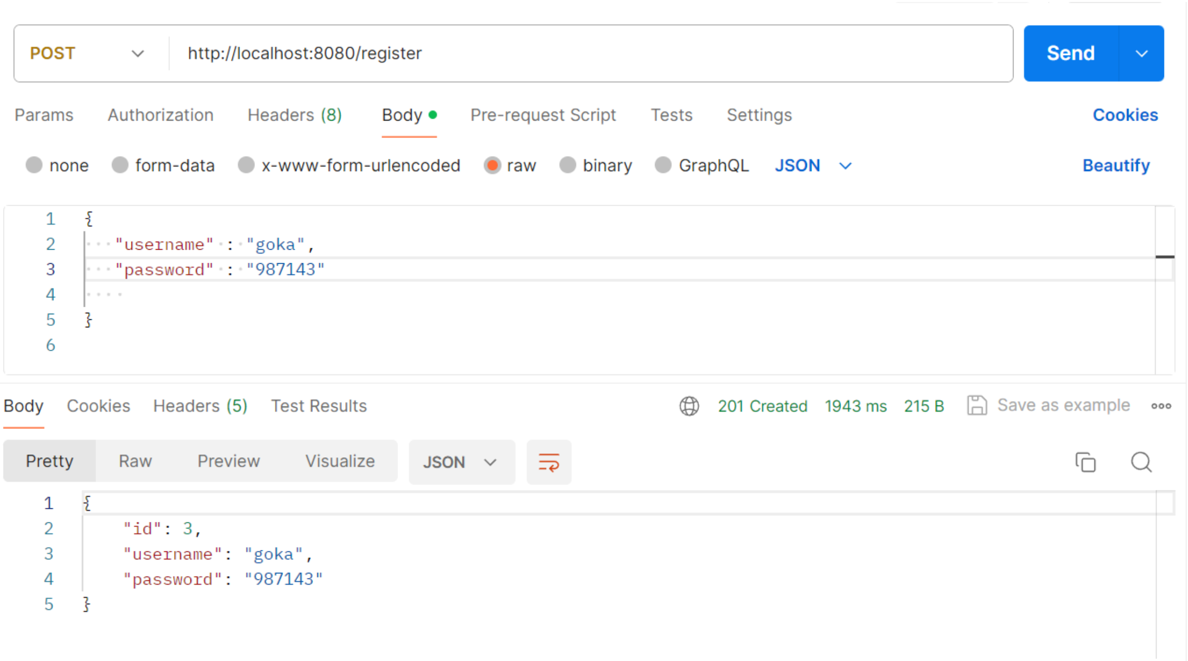
```
Employee with ID 6 has been deleted successfully.
```



```
select * from employee;
```

id	doj	email	first_name	last_name	phone
3	2013-03-03	prakashdeveloper@tesla.com	prakash	developer	7396456123
5	2014-04-04	venkideveloper@tesla.com	venki	developer	7387456123
7	2016-06-06	sirajdeveloper@tesla.com	siraj	developer	7387456123
NULL	NULL	NULL	NULL	NULL	NULL

Registering user details with POST command:



POST http://localhost:8080/register

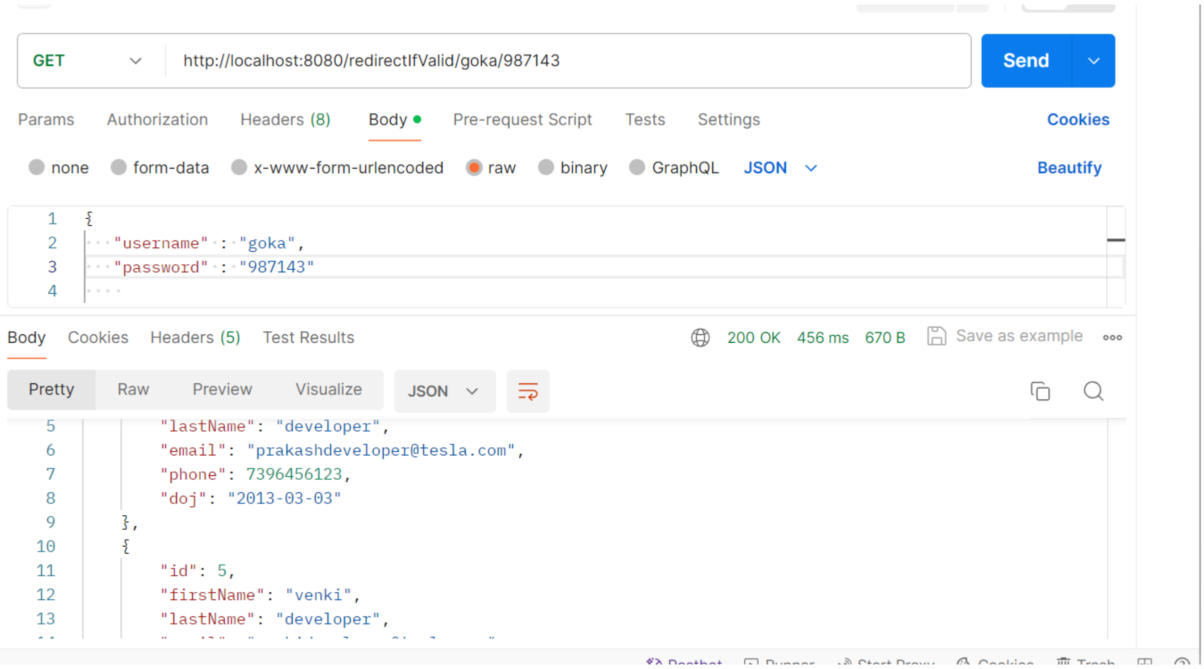
Body: raw, JSON

```
{
    "username" : "goka",
    "password" : "987143"
    
}
```

201 Created 1943 ms 215 B

```
{
    "id": 3,
    "username": "goka",
    "password": "987143"
}
```

Validating the user access then only able to view all employee data:



GET http://localhost:8080/redirectIfValid/goka/987143

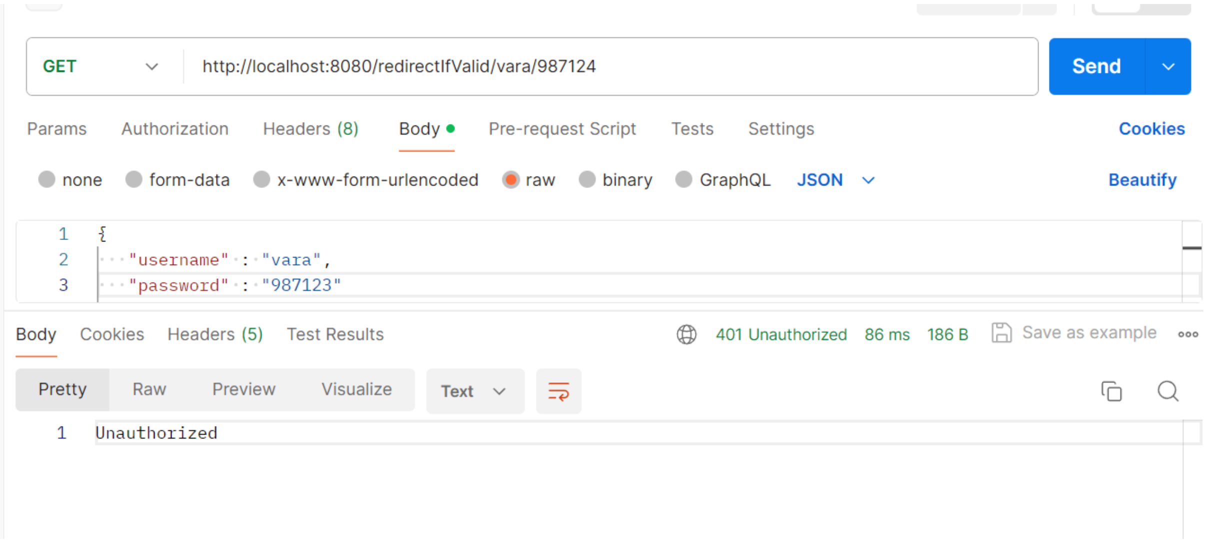
Body: raw, JSON

```
{
    "username" : "goka",
    "password" : "987143"
    
```

200 OK 456 ms 670 B

```
        "lastName": "developer",
        "email": "prakashdeveloper@tesla.com",
        "phone": 7396456123,
        "doj": "2013-03-03"
    },
    {
        "id": 5,
        "firstName": "venki",
        "lastName": "developer",
```

If incorrect user details given then unauthorized message will appear:



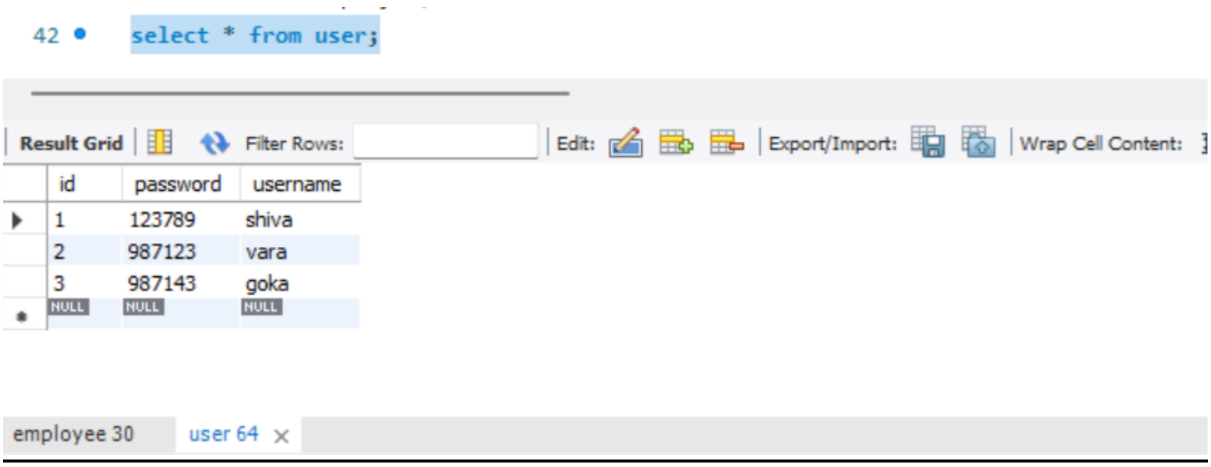
http://localhost:8080/redirectIfValid/vara/987124

```
{
  "username" : "vara",
  "password" : "987123"
```

401 Unauthorized 86 ms 186 B

```
Unauthorized
```

Database view in table after adding user details to it:



```
42 ● select * from user;
```

id	password	username
1	123789	shiva
2	987123	vara
3	987143	goka
NULL	NULL	NULL