**Employee Management Rest API based web application**

**IDE : Eclipse**

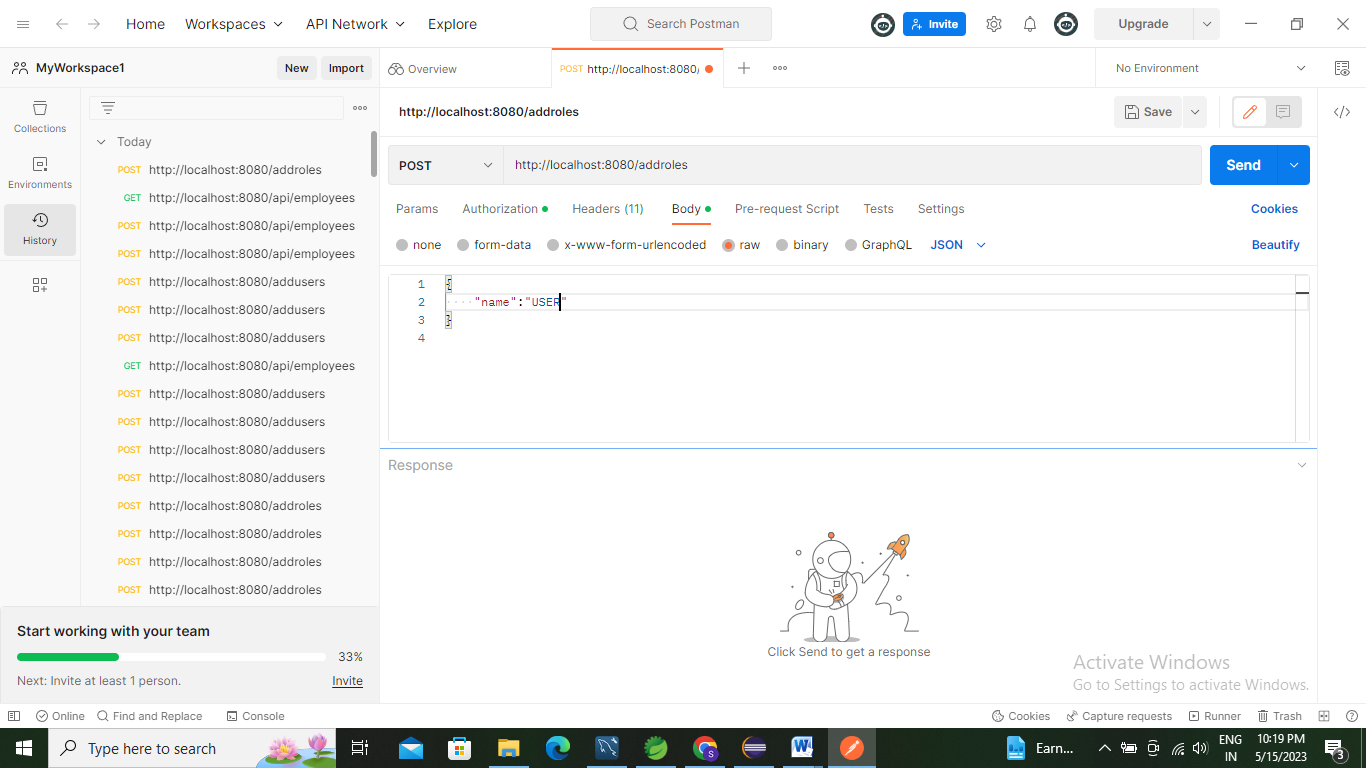
**DataBase : MySQL ; Database name : rmrestapi**

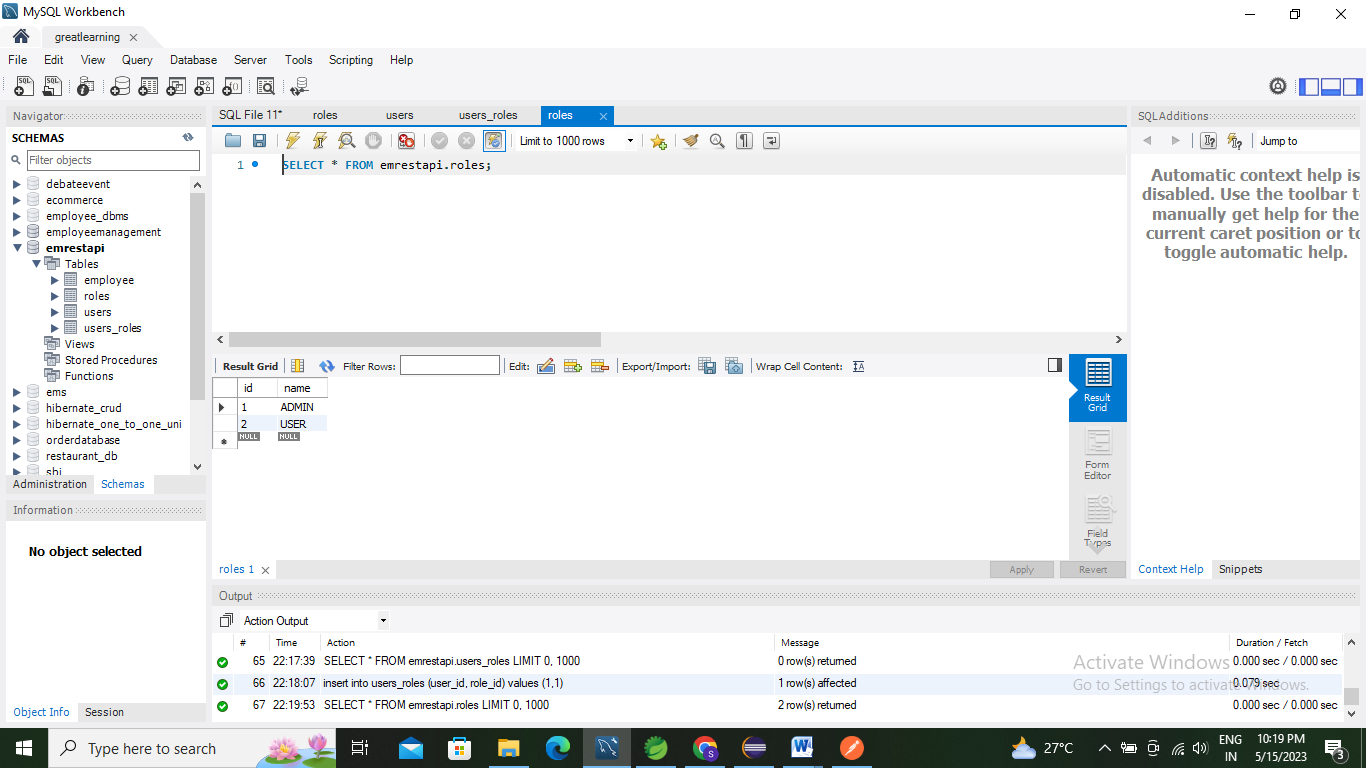
**Spring Boot project with Spring JPA and Spring Security**

1. **Add Role**

http://localhost:8080/addroles

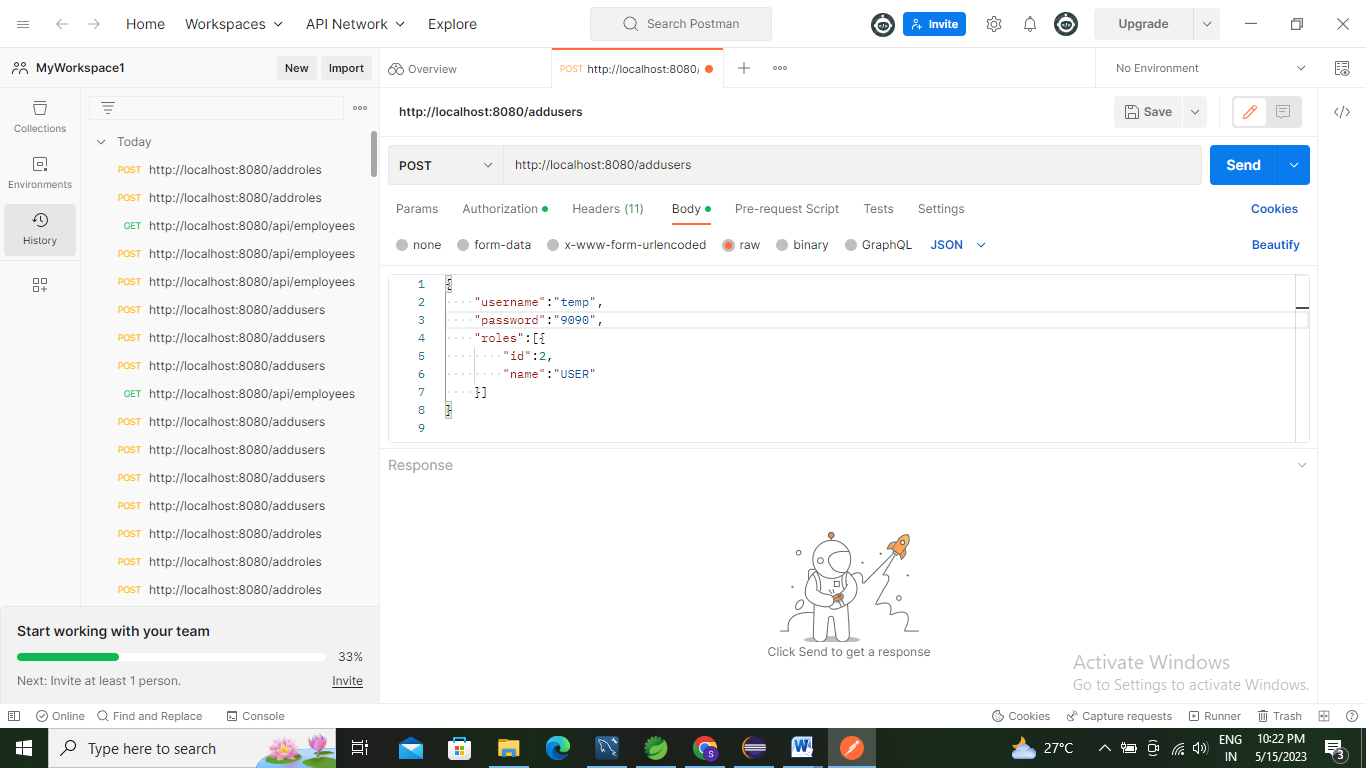


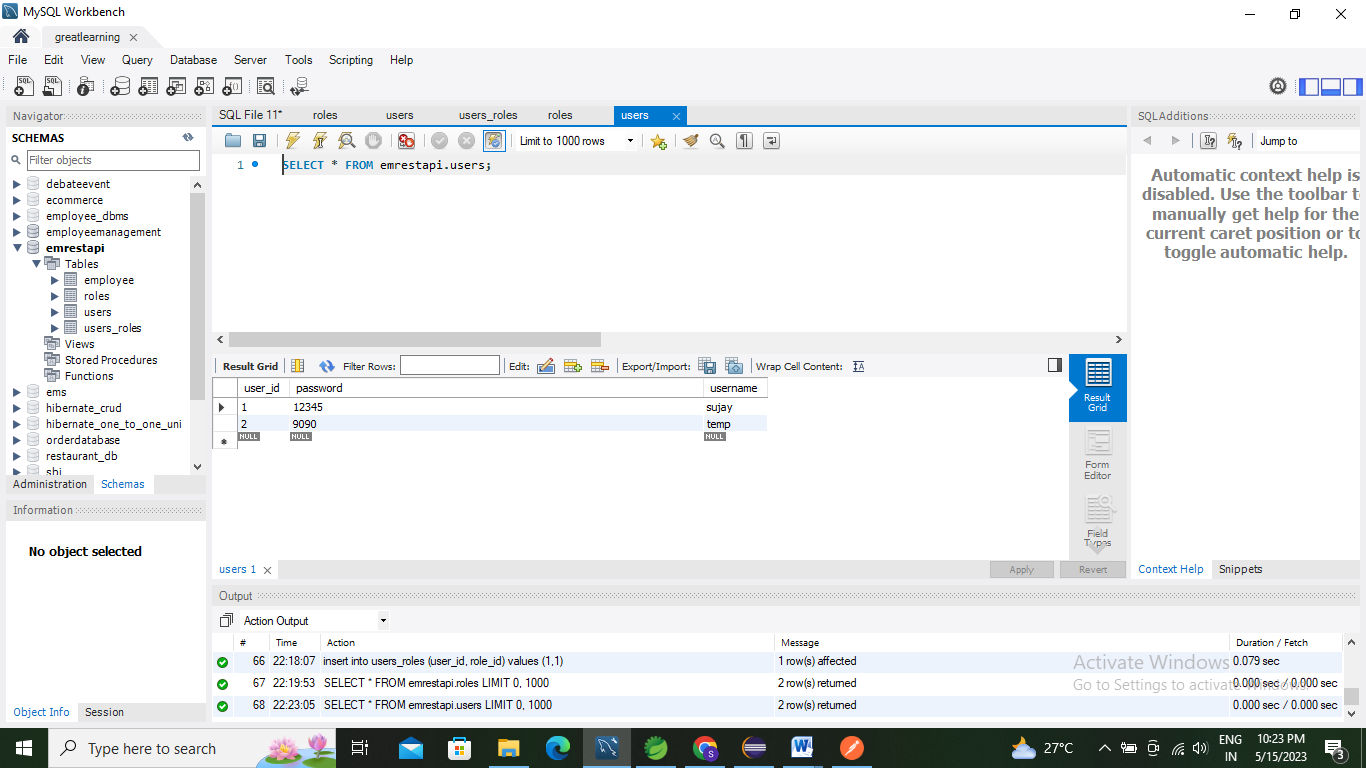


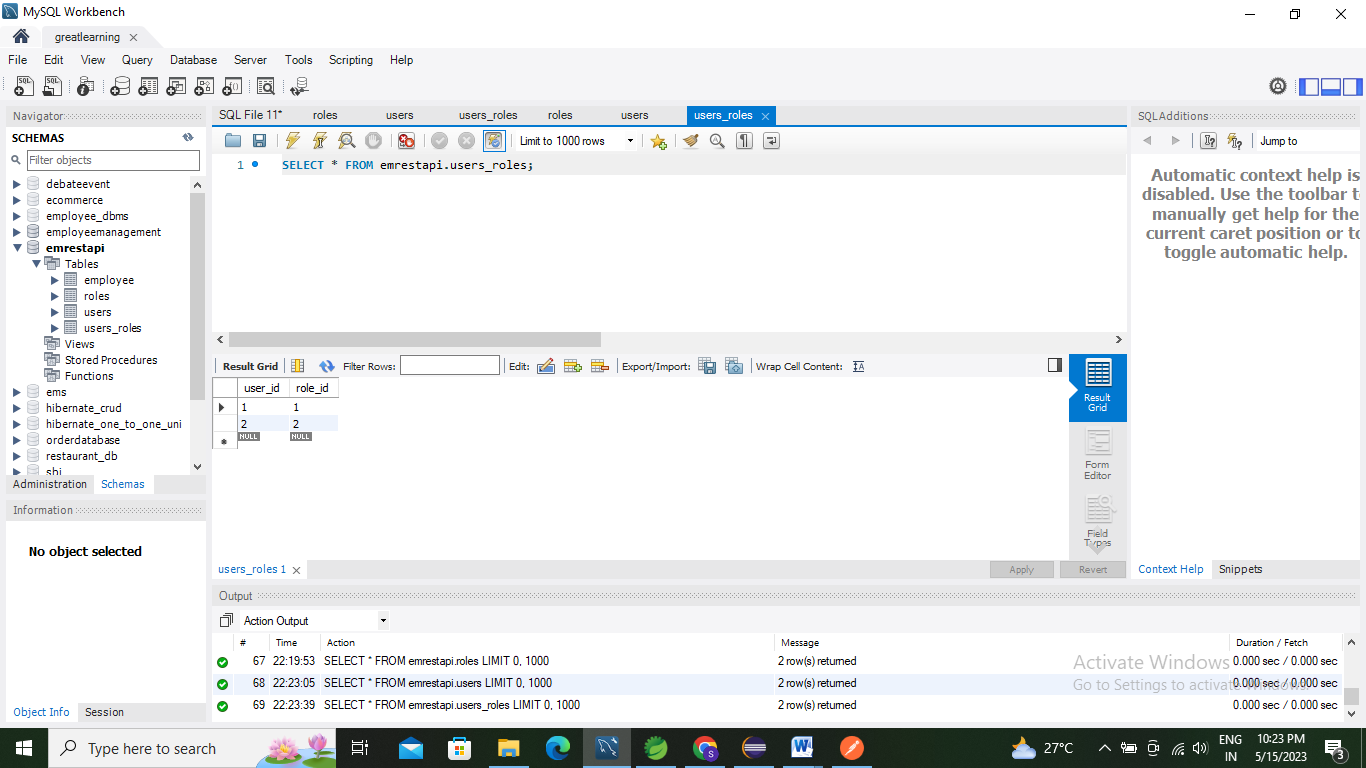


1. **Add User**

<http://localhost:8080/addusers>



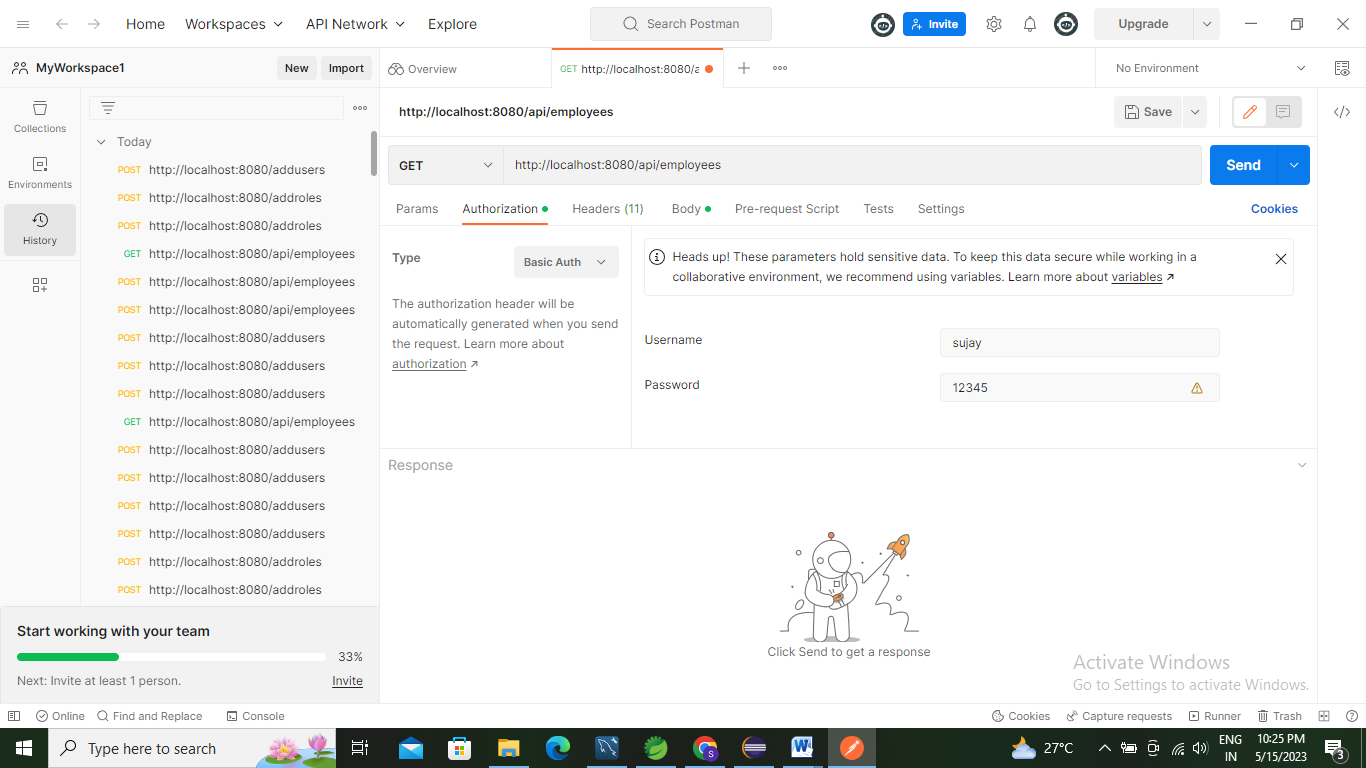


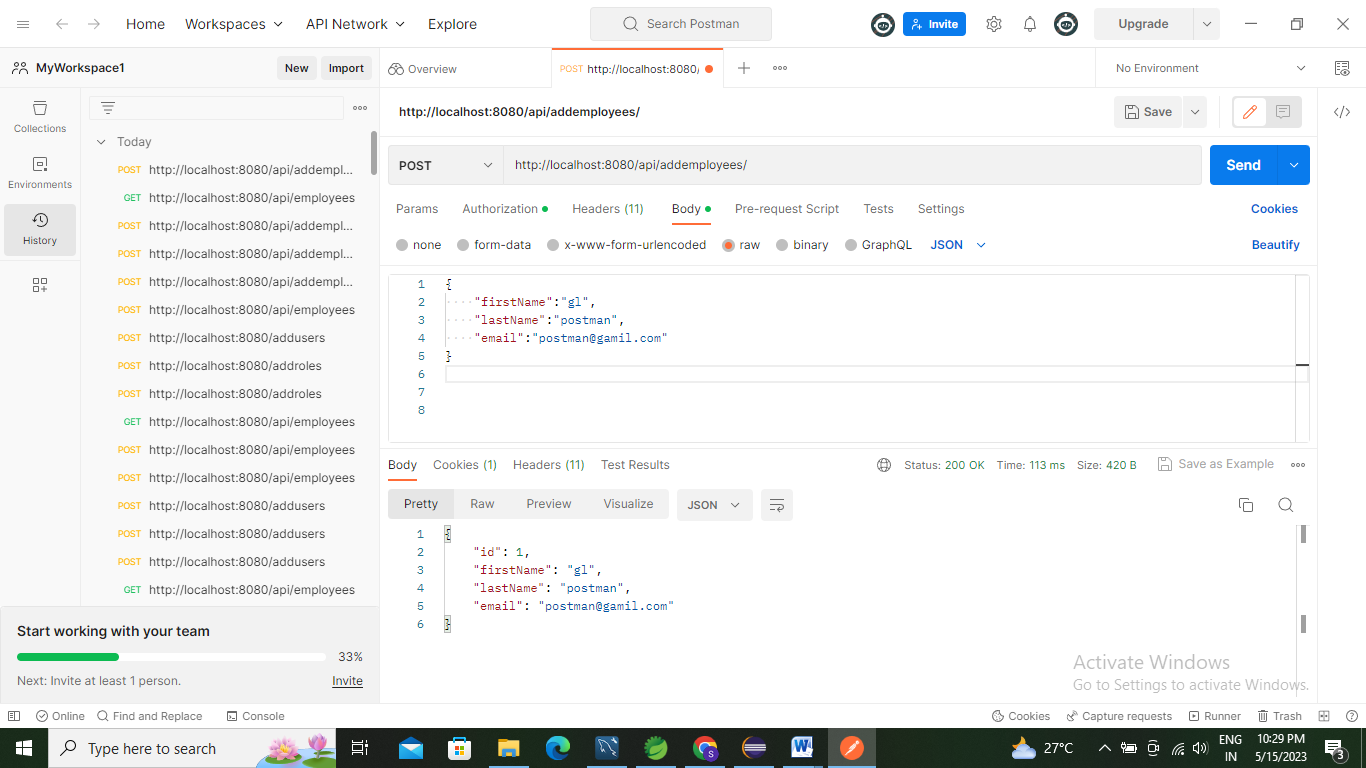


1. Add Employee

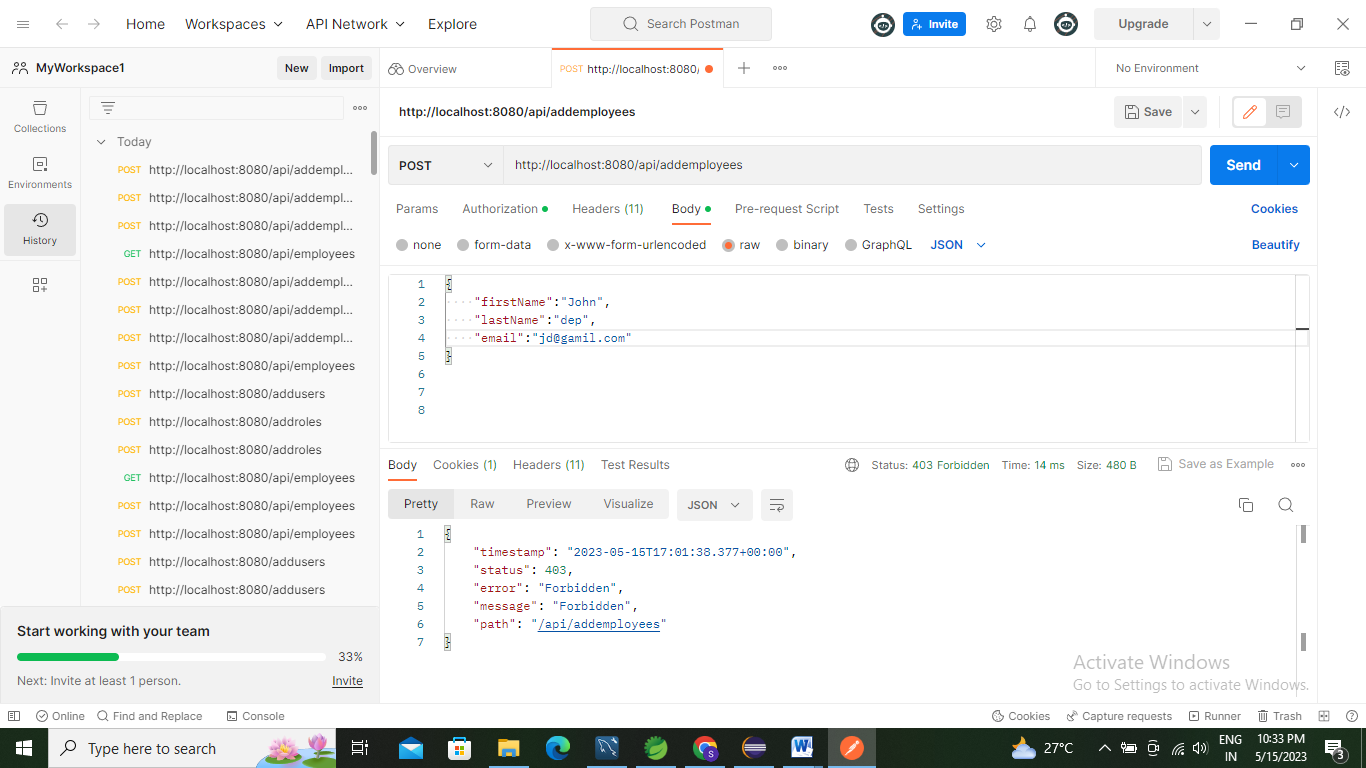
<http://localhost:8080/api/employees>

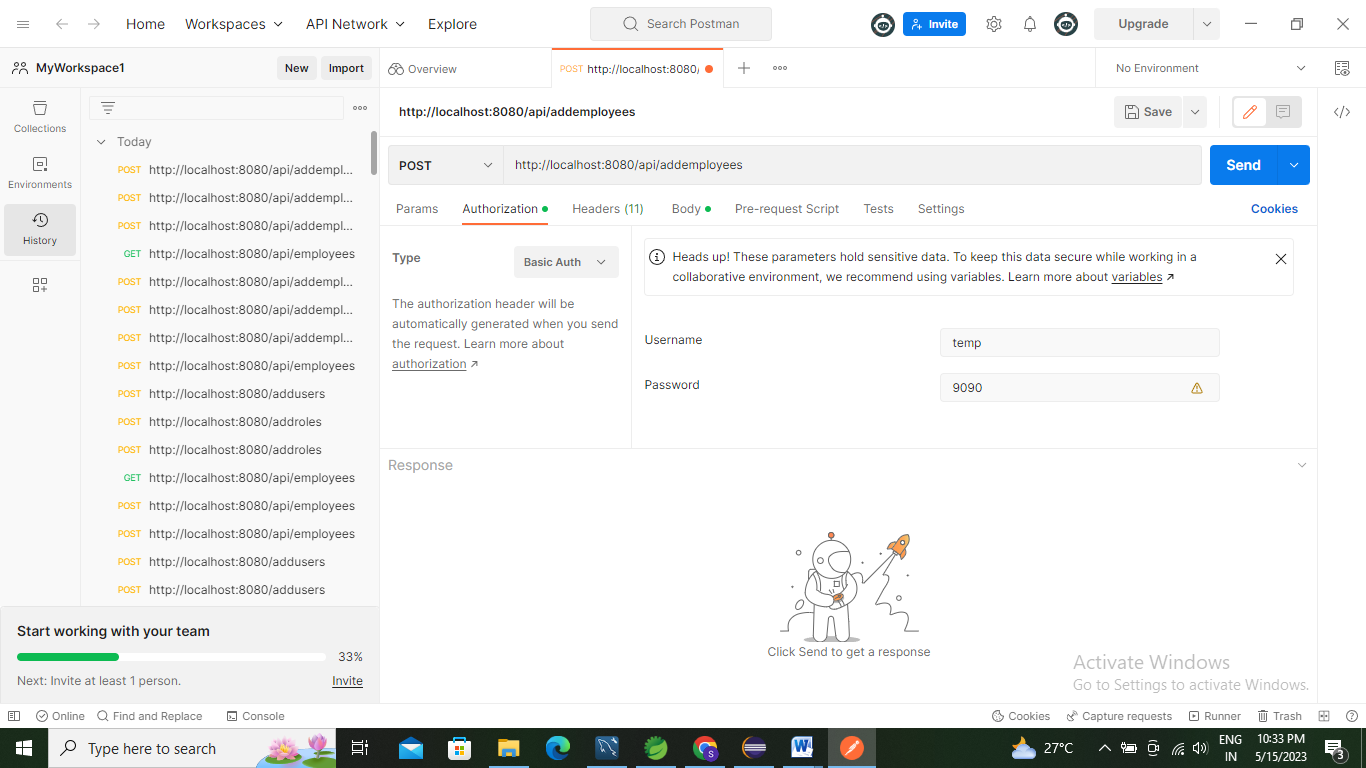
With ADMIN credentials





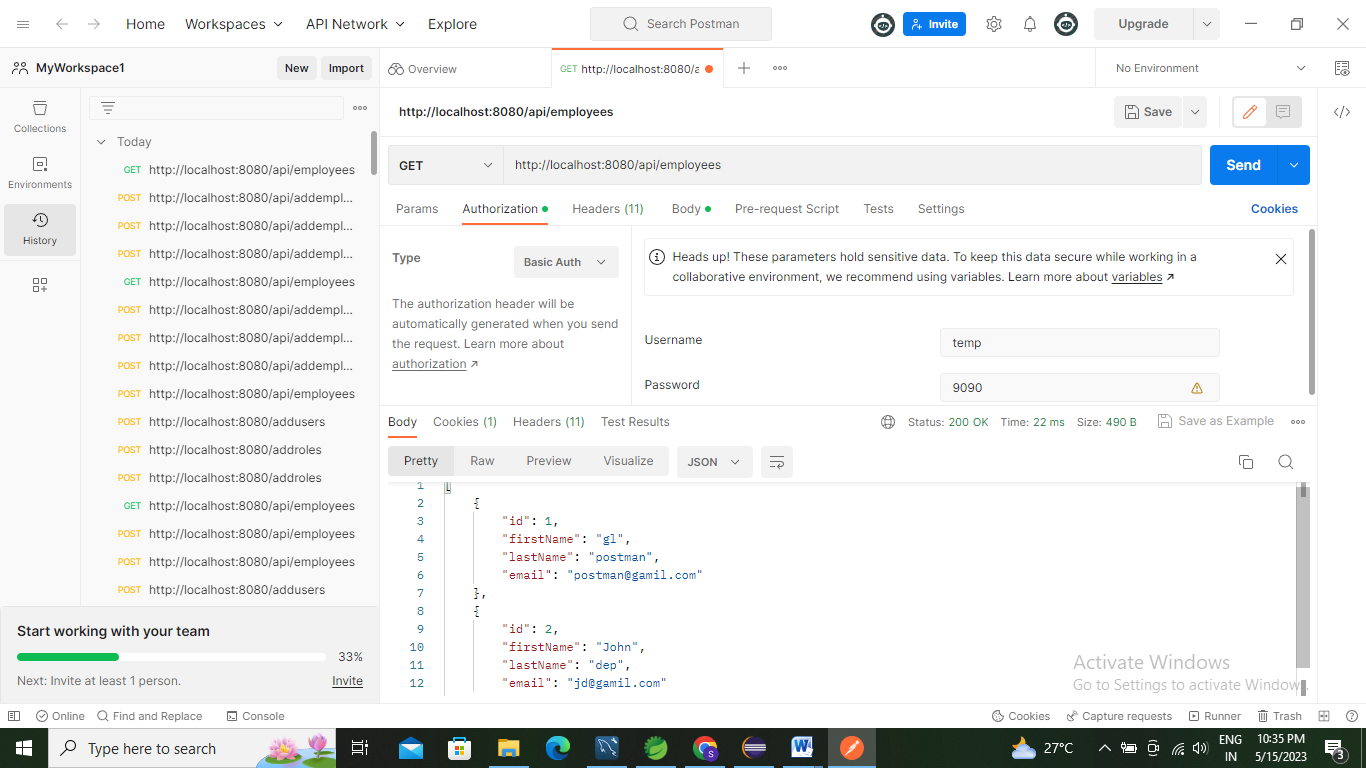
With USER credentials

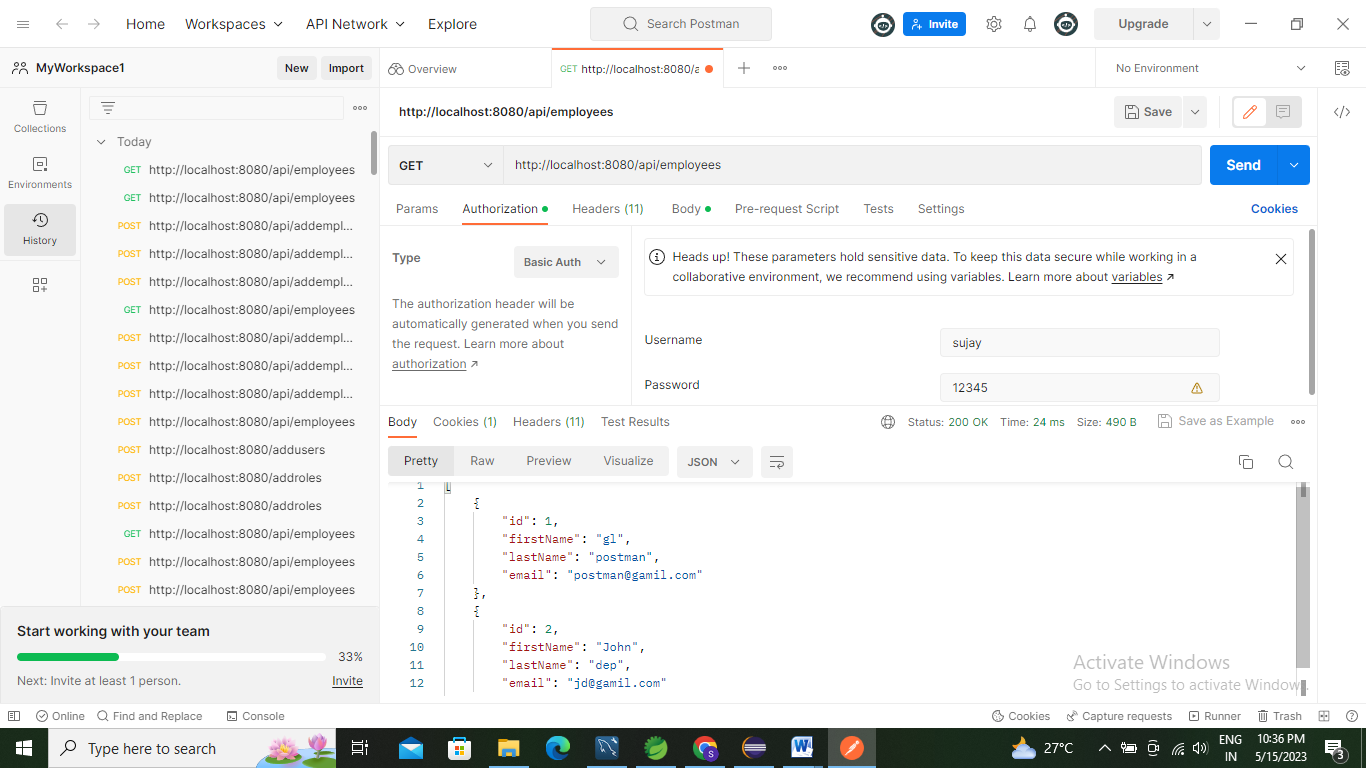




1. List All Employees

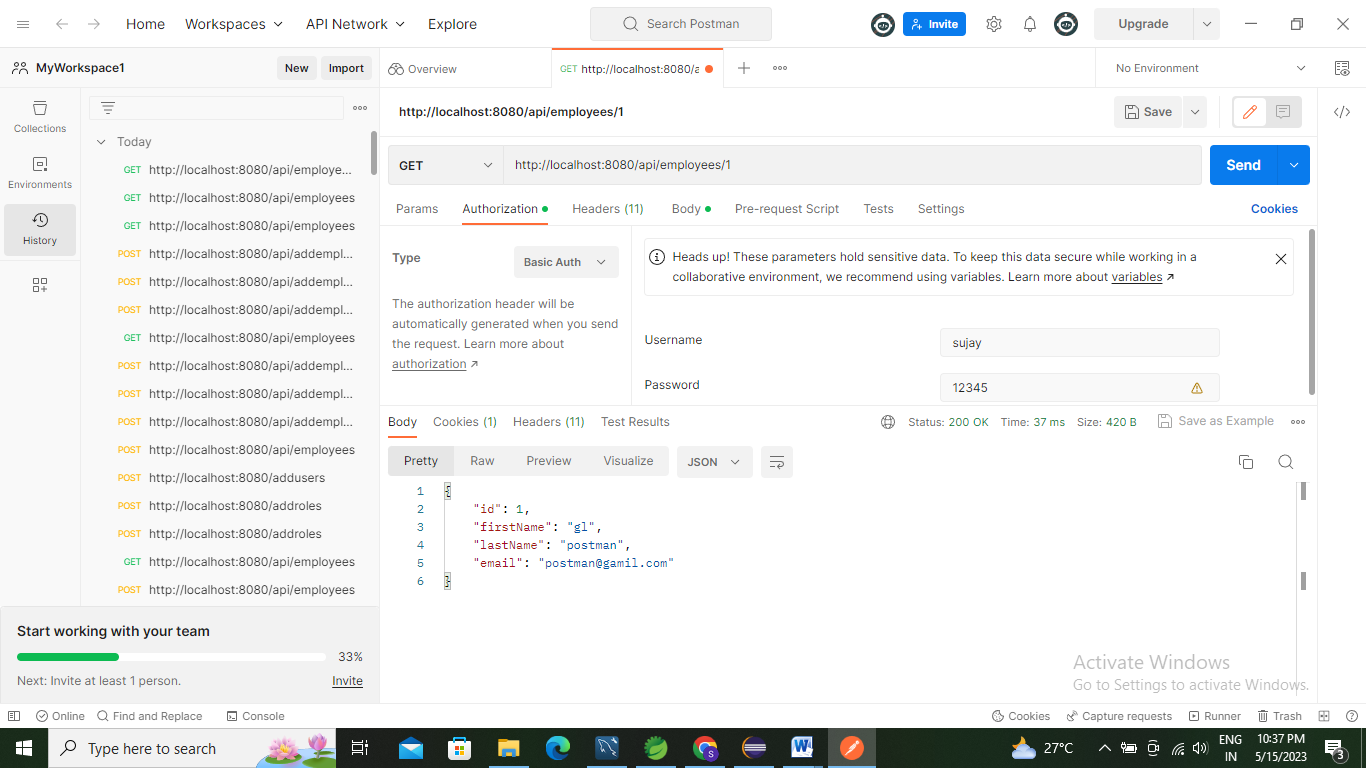
http://localhost:8080/api/employees



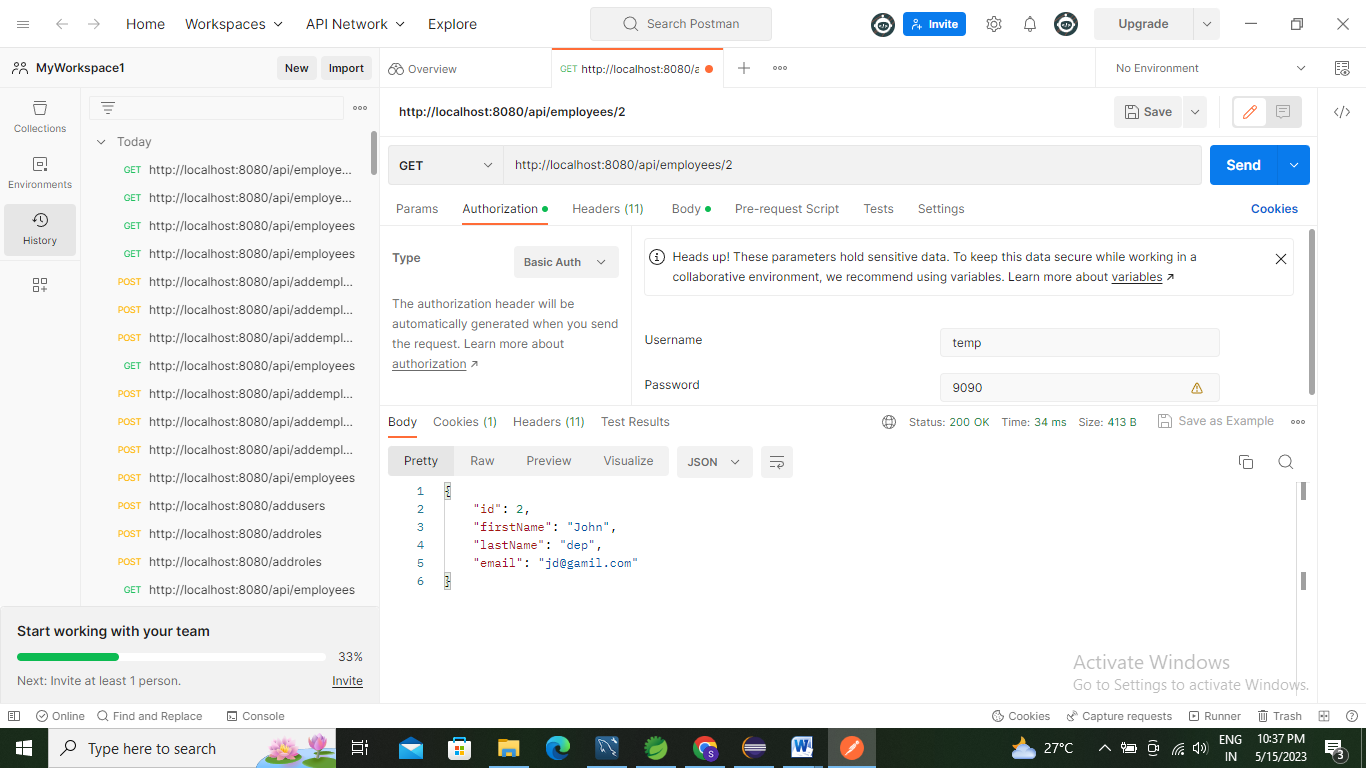


1. Get Employee By ID

http://localhost:8080/api/employees/1



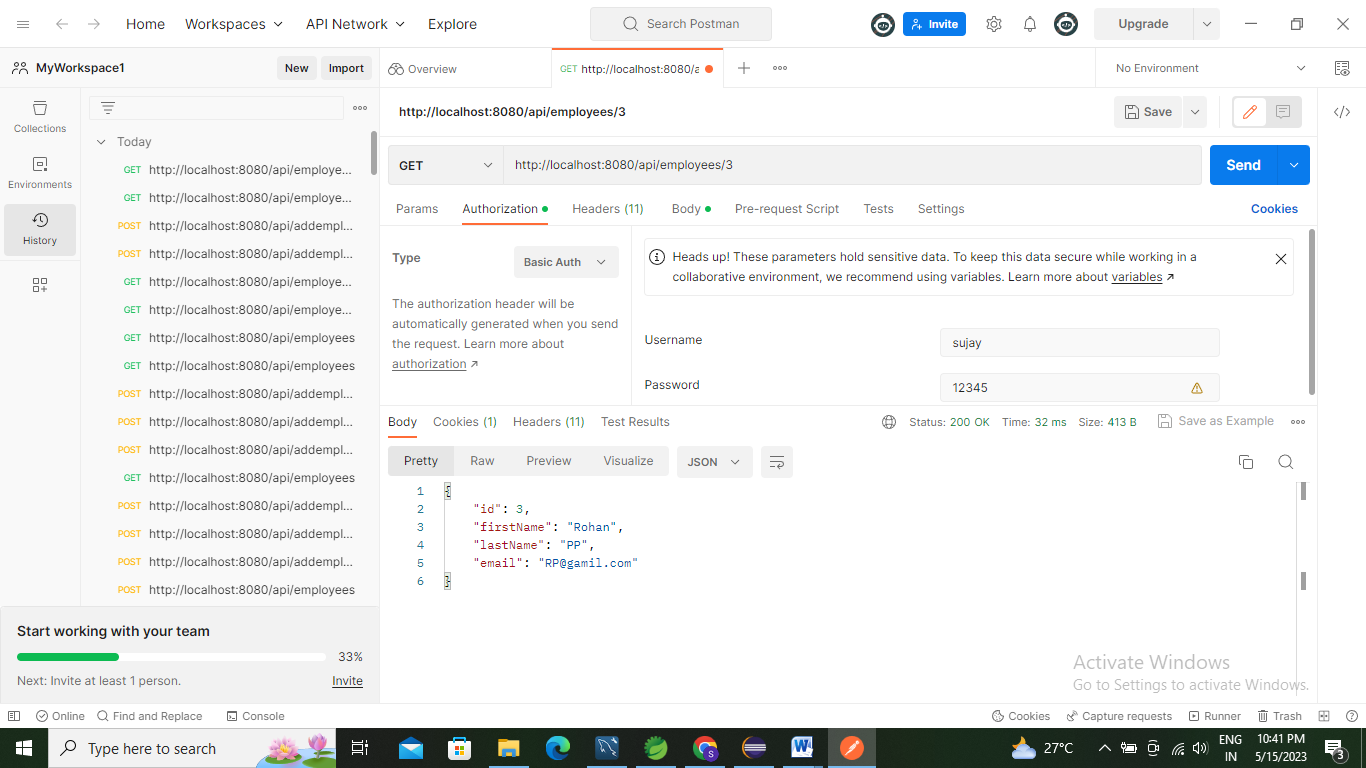
http://localhost:8080/api/employees/2



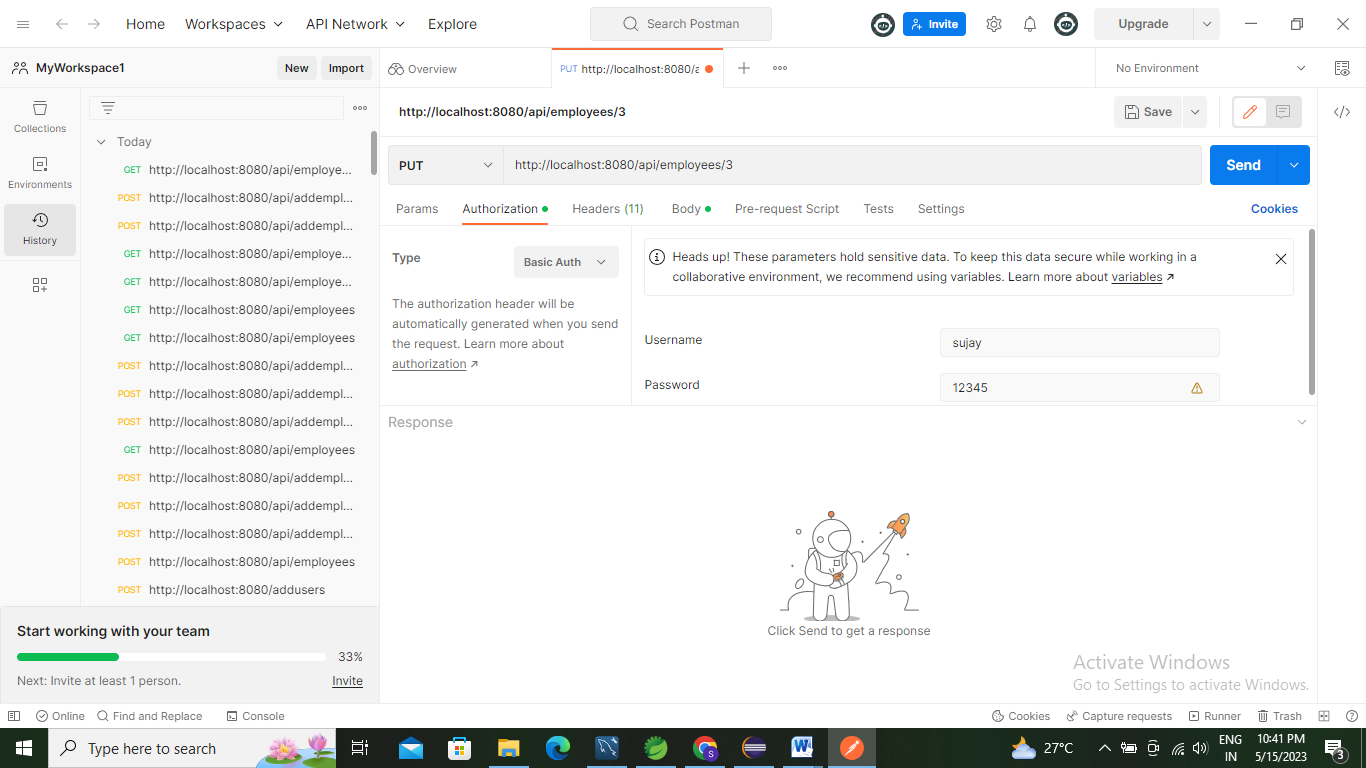
1. **Update Employee**

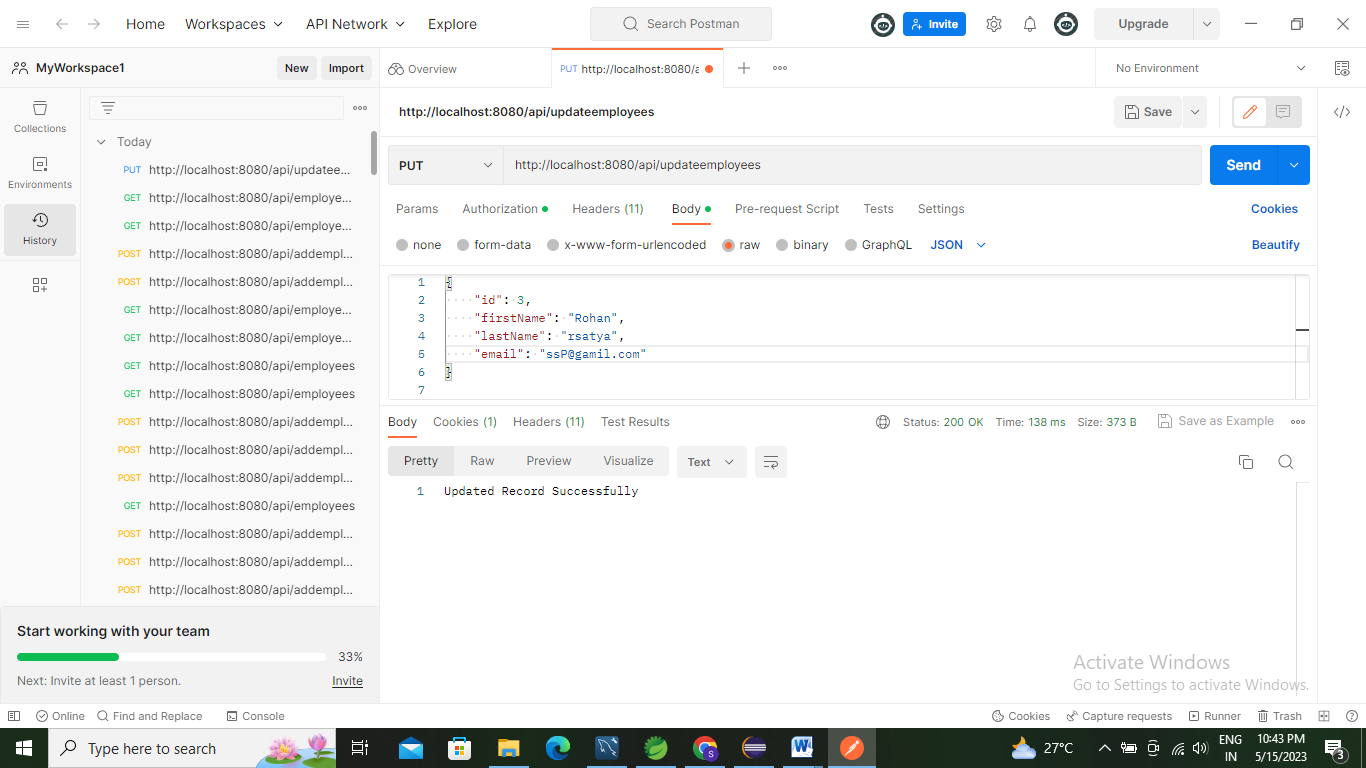
<http://localhost:8080/api/updateemployees>

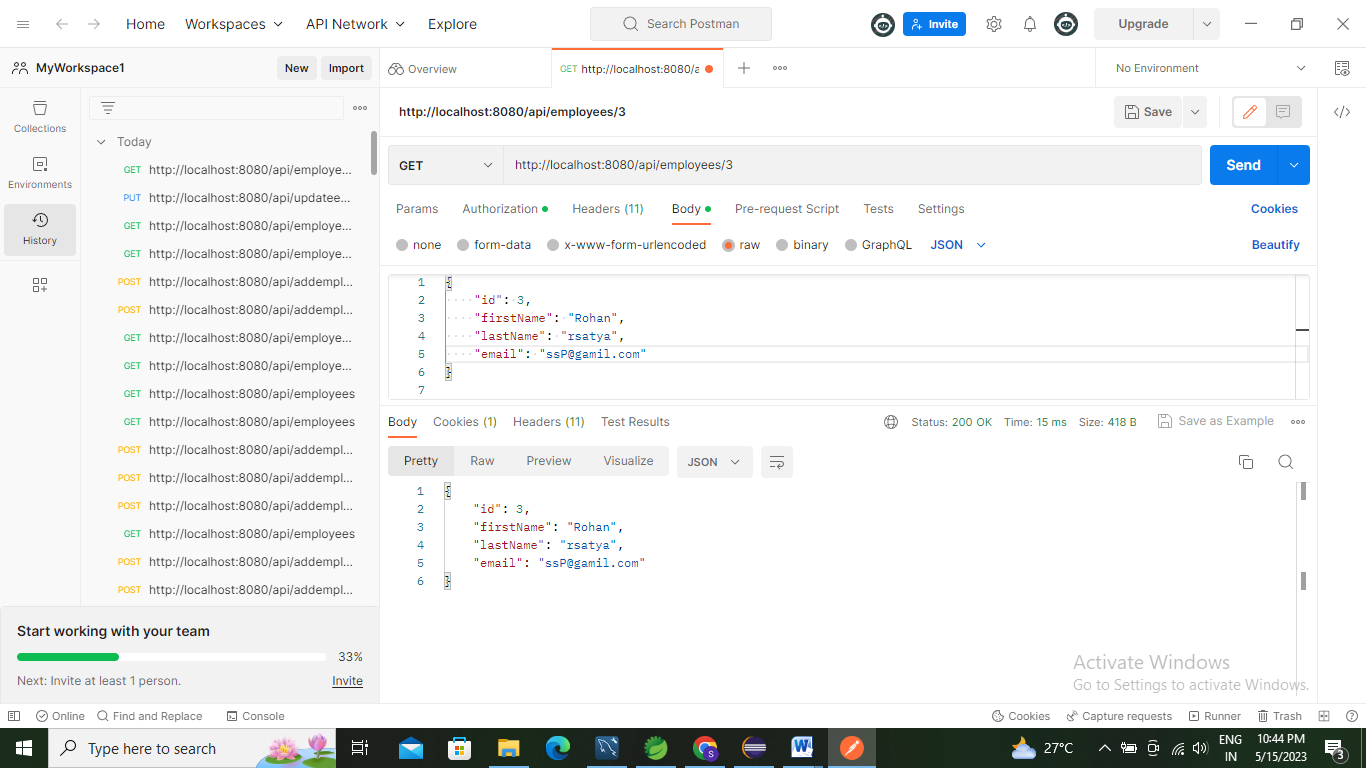
Before Update



**After Update**

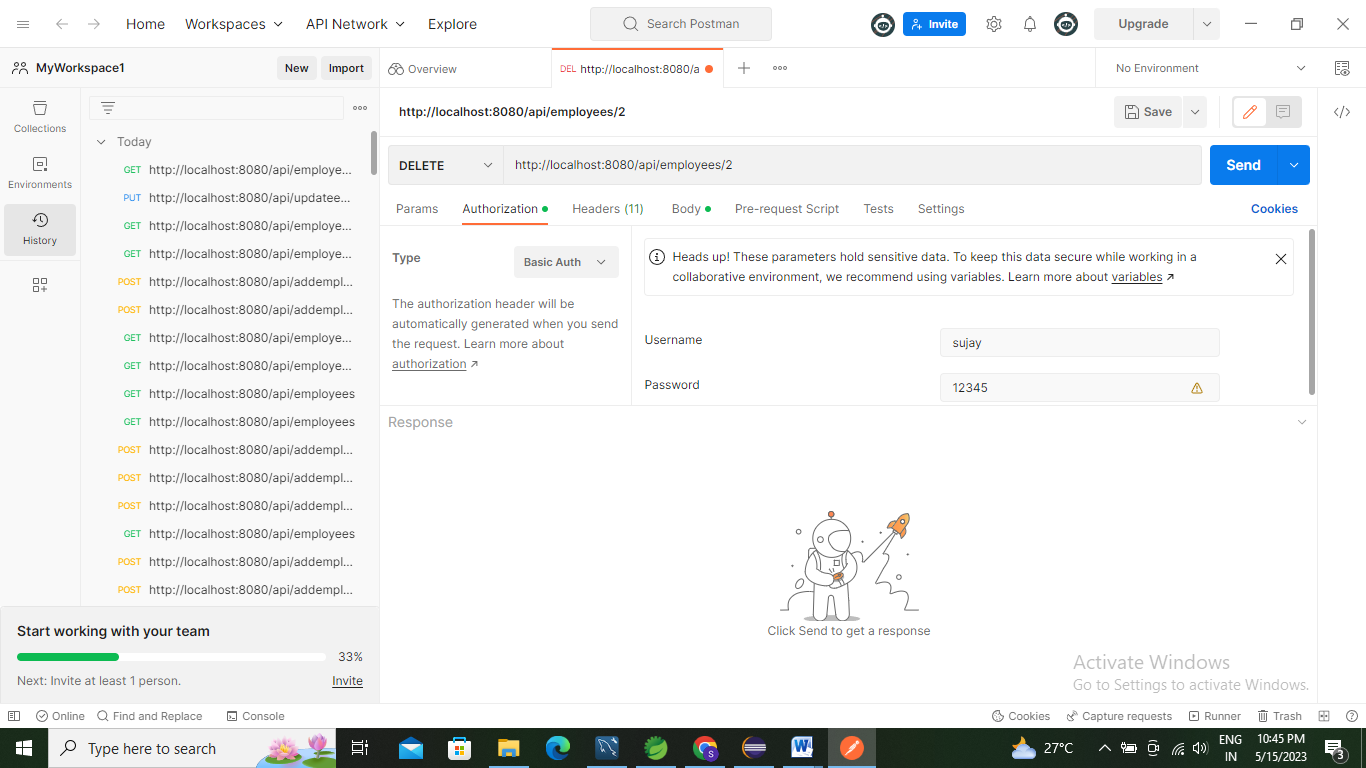


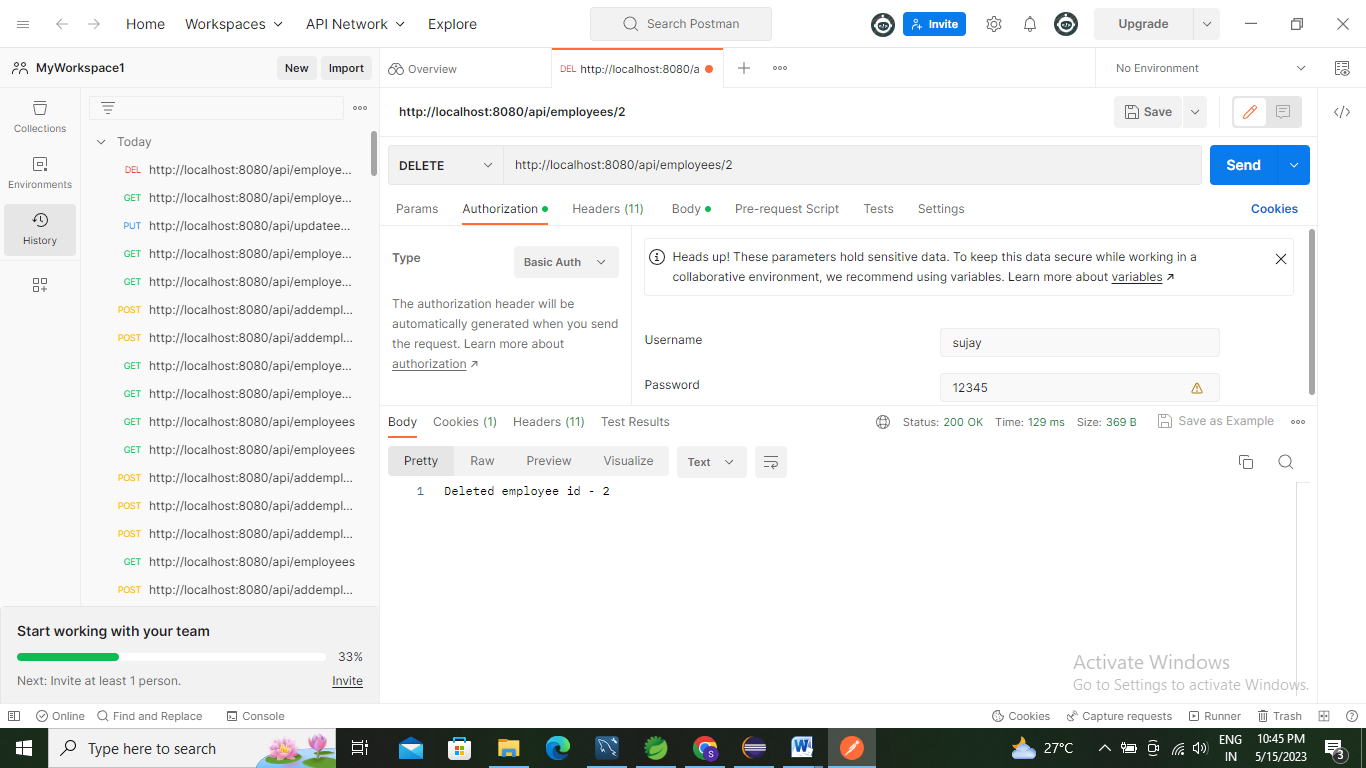


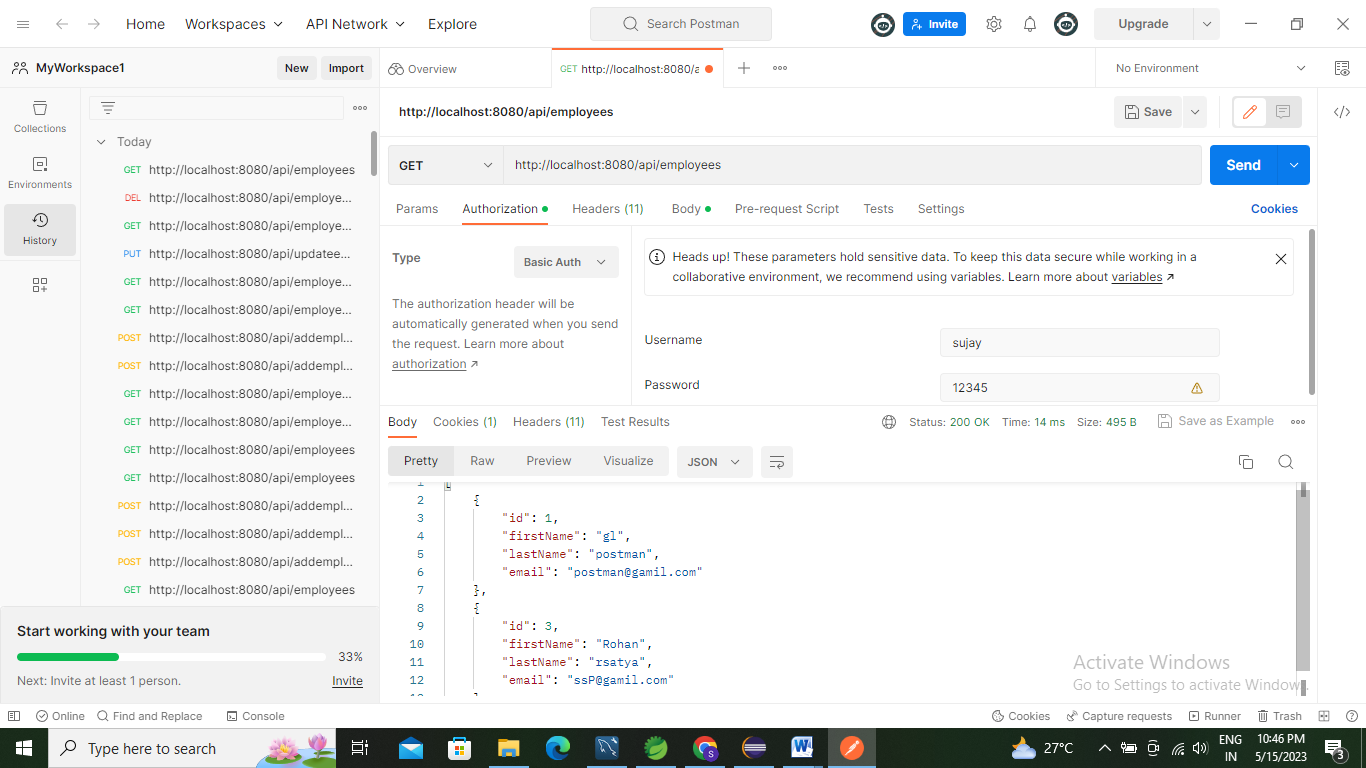


1. **Delete Employee by ID**

http://localhost:8080/api/employees/2

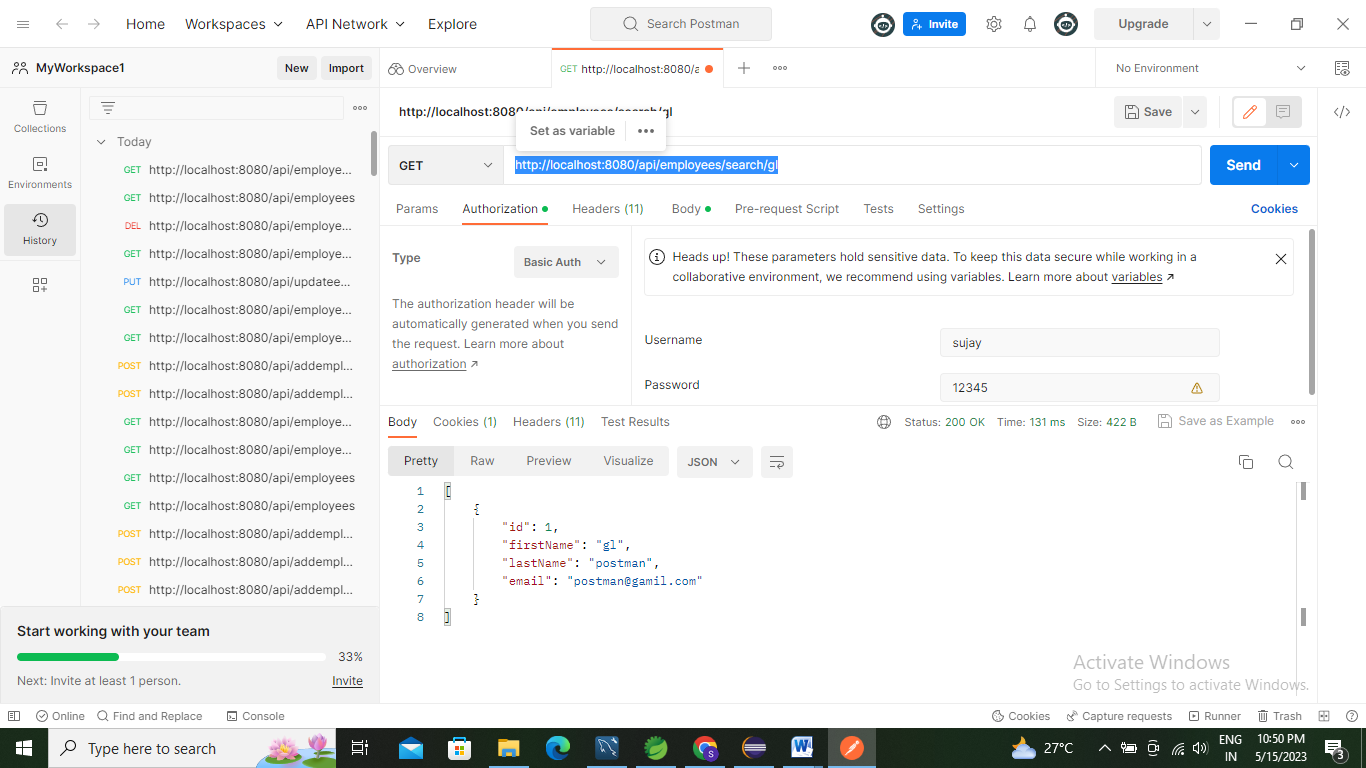




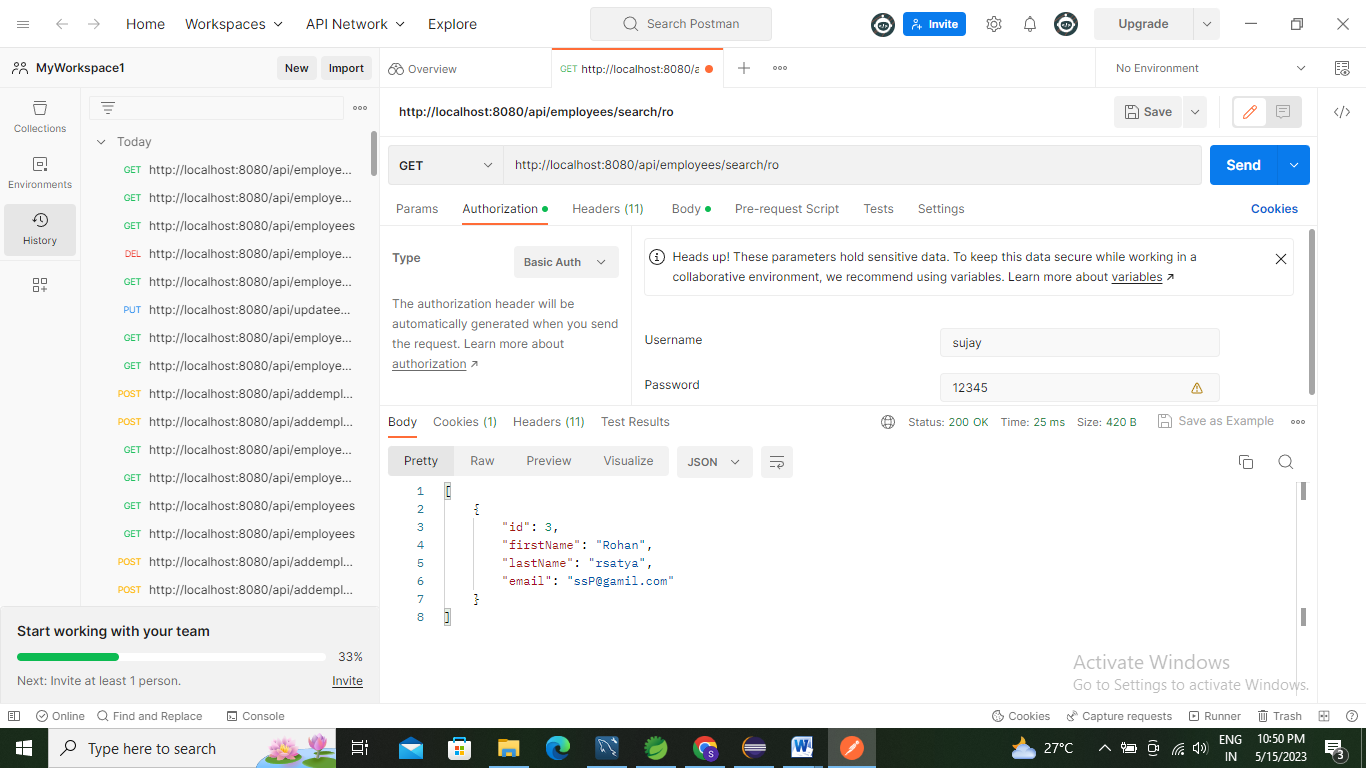


1. **Search by first name**

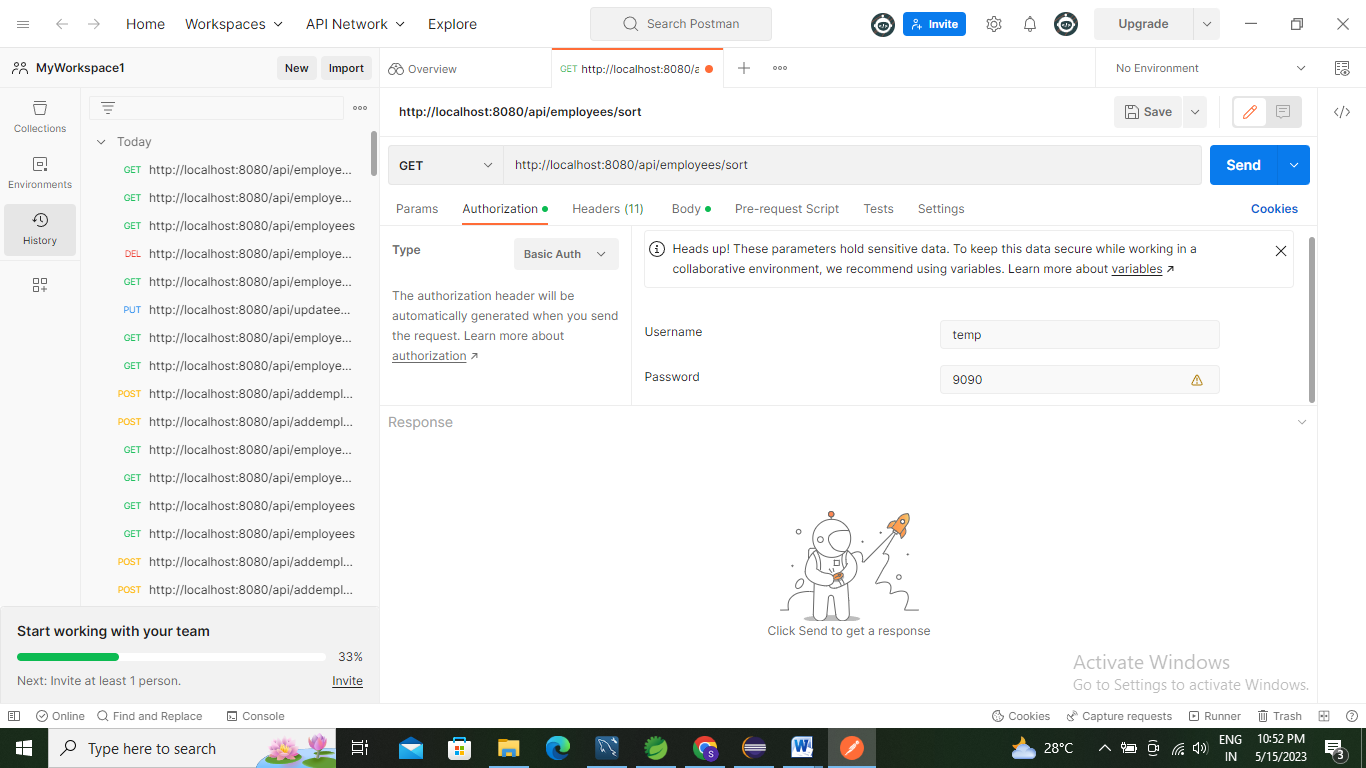
<http://localhost:8080/api/employees/search/gl>



http://localhost:8080/api/employees/search/ro

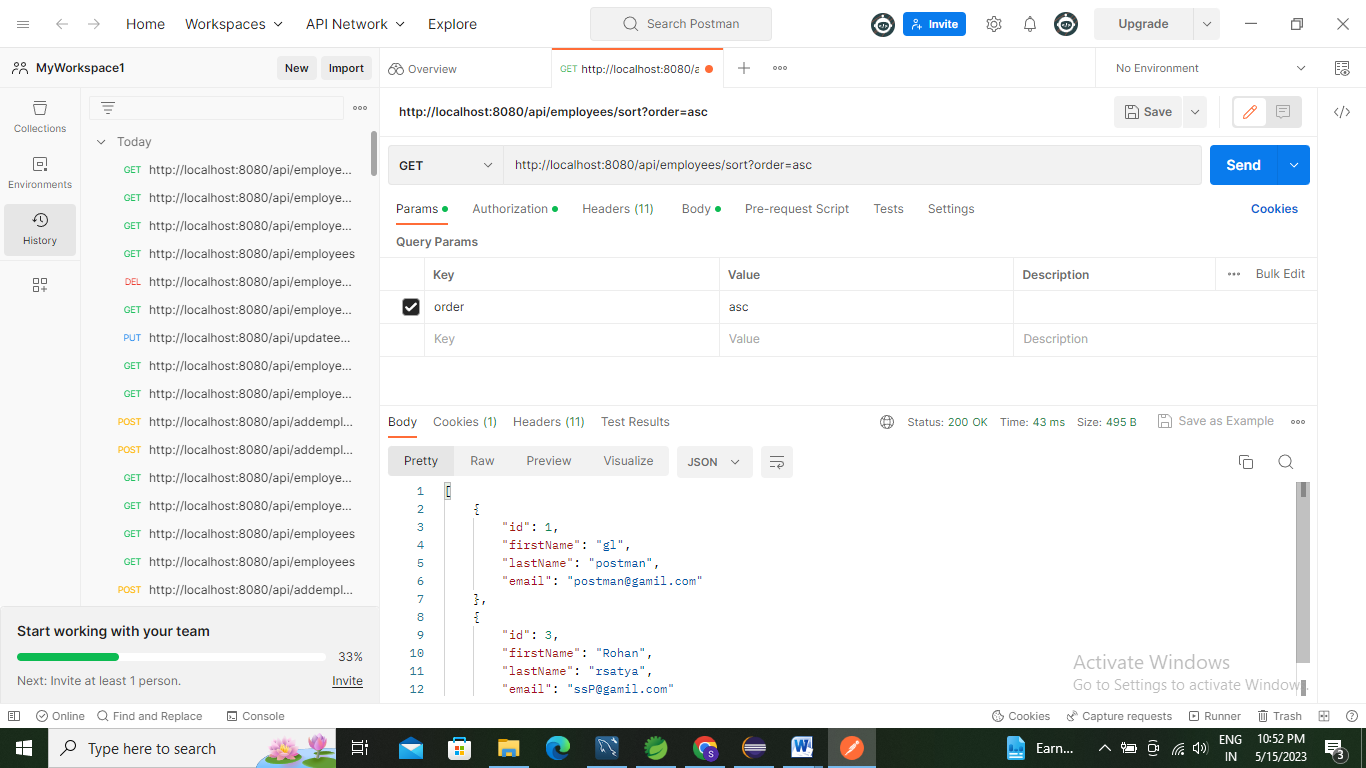


1. **Sort By First Name**



**Ascending Order**

http://localhost:8080/api/employees/sort?order=asc



**Descending Order**

http://localhost:8080/api/employees/sort?order=desc

