**ReadMe**

**Project Details**

1. **spring-drools-integration**

* How to integrate Spring With Drool engine
* **Steps** :

1. Create Spring Starter Project (Spring Boot Project)

2. Run the spring boot project

3. It will by default run on port 8080

4. Refer Order.drl file and see the discount on different banks card type

5. Test it through Postman Tool.

6. Open Postman Tool

7. Set method as POST

8. Add in URL - http://localhost:8080/order

9. Select Body -> raw -> JSON (application/json)

10. **Request** -

{

"name" :"Mobile",

"cardType" : "ICICI",

"price" : 17000

}

11. Hit send

12. In the response you will get -

**Response** -

{

"name": "Mobile",

"cardType": "ICICI",

"discount": 8,

"price": 17000

}

13. This is how you can test drools rules with spring boot application

* **Reference:**

GitHub Repo Link - https://github.com/Java-Techie-jt

- https://github.com/Java-Techie-jt/spring-drools

YouTube Link - <https://www.youtube.com/watch?v=UuZ7pZ_1JDE>

1. **spring-boot-mysql**

* How to integrate Spring boot With MySQL database
* **Steps:**

1. Create Spring Starter Project (Spring Boot Project)

2. Select Maven version - 1.5.10.RELEASE

3. Add database details - driver, database name, username, password and port number

4. Run the spring boot project

5. It will by default run on port 8080

6. Test it through Postman Tool.

6. Open Postman Tool

7. To test bookTickets, set method as POST

8. Add in URL - http://localhost:8080/ticket/bookTickets

9. Select Body -> raw -> JSON (application/json)

10. Request -

[

{

"amount":600,

"category":"Movie"

},

{

"amount":10000,

"category":"Flight"

}

]

11. Hit send

12. In the response you will get

Response-

ticket booked :2

13. Open MySQL database with provided db details

14. Check the records in ticket table

15. Similarly you can test retrieve the ticket details / data from db through Postman tool

16. To test retrieve ticket detail i.e, getTicket, set method to GET

17. Add in URL - http://localhost:9090/ticket/getTickets

18. Hit send

19. You will get below response as below

Response -

[

{

"id": 1,

"amount":600,

"category":"Movie"

},

{

"id": 2,

"amount":10000,

"category":"Flight"

}

]

20. Here Id is auto generated by code

21. End

* **Reference :**

GitHub Repo Link - https://github.com/Java-Techie-jt

- https://github.com/Java-Techie-jt/Spring-boot-mysql

YouTube Link -

https://www.youtube.com/watch?v=voA01jXkXtk&list=PLVz2XdJiJQxw-jVLpBfVn2yqjvA1Ycceq&index=5