

Bajaj Finserv Health | Qualifier 1 | JAVA

Duration: 1 Hour

Task Overview

Build a Spring Boot app that:

- On startup, sends a POST request to generate a webhook.
- Based on the response, solves a SQL problem and stores the result.
- Sends the solution (a final SQL query) to the returned webhook URL using a JWT token.

Step-by-Step Instructions

1. On app startup, send this POST request:

```
POST https://bfhldevapigw.healthrx.co.in/hiring/generateWebhook/JAVA

Body:
{
  "name": "John Doe",
  "regNo": "REG12347",
  "email": "john@example.com"
}
```

2. You will receive:

- A 'webhook' URL to submit your answer.
- An 'accessToken' to use as JWT in the Authorization header.

3. The question is assigned based on the **last two digits of your regNo**:

- **Odd** → [Question 1]
<https://drive.google.com/file/d/1IeSI6l6KoSQAFfRihIT9tEDICtoz-G/view?usp=sharing>
- **Even** → [Question 2]
https://drive.google.com/file/d/143MR5cLFrlNEuHzzWJ5RHnEW_uijuM9X/view?usp=sharing

4. Submit your solution (the final SQL query) as:

```
POST https://bfhldevapigw.healthrx.co.in/hiring/testWebhook/JAVA

Headers:
Authorization: <accessToken>
Content-Type: application/json

Body:
{
  "finalQuery": "YOUR_SQL_QUERY_HERE"
}
```

Requirements

- Use 'RestTemplate' or 'WebClient' with Spring Boot.
- No controller/endpoint should trigger the flow
- Use JWT in the Authorization header for the second API

Submission Checklist

Submit your work here: <https://forms.office.com/r/BJ76UXXKqe>

Include:

- Include the public GitHub repo with:
 - Code
 - Final JAR output
 - RAW downloadable GitHub link to the JAR
- Public JAR file link (downloadable)

Format:

- GitHub: <https://github.com/your-username/your-repo.git>

Good Luck!