

# 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](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/ViFq6cmXMC>

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!**