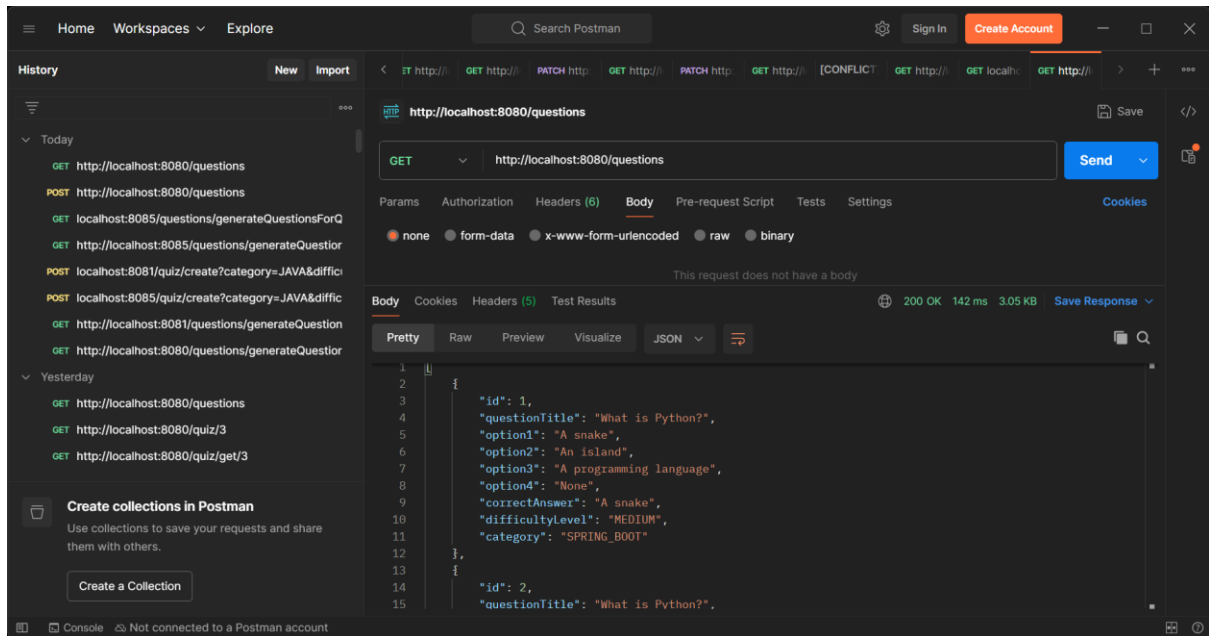
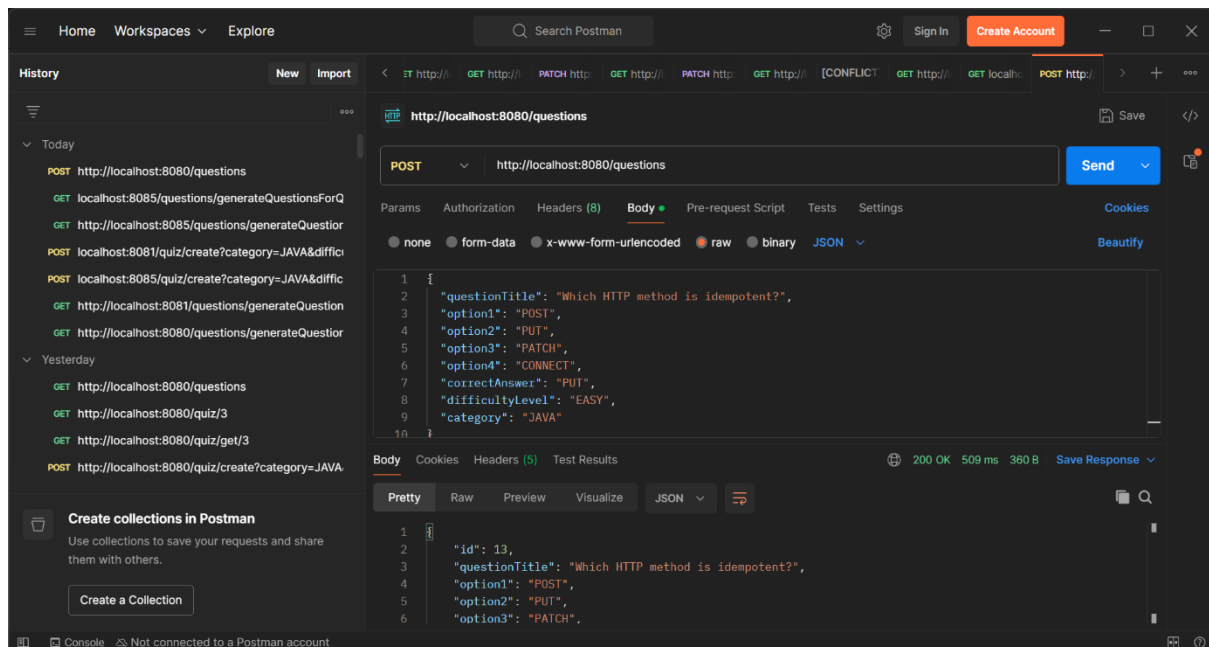


# OUTPUT SCREENSHOTS-QUIZAPP MONOREPO

## 1 Create a question



## 2. Get all questions



### 3. Pagination (get paged questions)

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/questions/paged?page=0&size=5`. The response is a JSON object with the following structure:

```
{
  "pageable": {
    "pageNumber": 0,
    "pageSize": 5,
    "sort": {
      "empty": true,
      "sorted": false,
      "unsorted": true
    }
  },
  "offset": 0,
  "paged": true,
  "unpaged": false
}
```

### 4. Update question title

The screenshot shows the Postman interface with a PATCH request to `http://localhost:8080/questions/13/title`. The request body is a JSON object with the following structure:

```
{
  "id": 13,
  "questionTitle": "Which HTTP method is idempotent in java?",
  "option1": "POST",
  "option2": "PUT",
  "option3": "PATCH",
  "option4": "CONNECT",
  "correctAnswer": "PUT",
  "difficultyLevel": "EASY"
}
```

## 5. Update correct answer (store **real text**)

The screenshot shows the Postman interface with a PATCH request to `http://localhost:8080/questions/13/answer`. The request body is a JSON object: `{ "answer": "PUT" }`. The response is a JSON object: `{ "id": 13, "questionTitle": "Which HTTP method is idempotent in java?", "option1": "POST", "option2": "PUT", "option3": "PATCH", "option4": "CONNECT", "correctAnswer": "PUT", "difficultyLevel": "EASY" }`.

History:

- PATCH `http://localhost:8080/questions/13/answer`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- GET `http://localhost:8080/questions/paged?page=0&s`
- GET `http://localhost:8080/questions`
- POST `http://localhost:8080/questions`
- GET `localhost:8085/questions/generateQuestionsForQ`

Create collections in Postman

Use collections to save your requests and share them with others.

Create a Collection

## 6. Delete question

The screenshot shows the Postman interface with a DELETE request to `http://localhost:8080/questions/12`. The response is a text message: `1 Question with ID 12 deleted successfully.`

History:

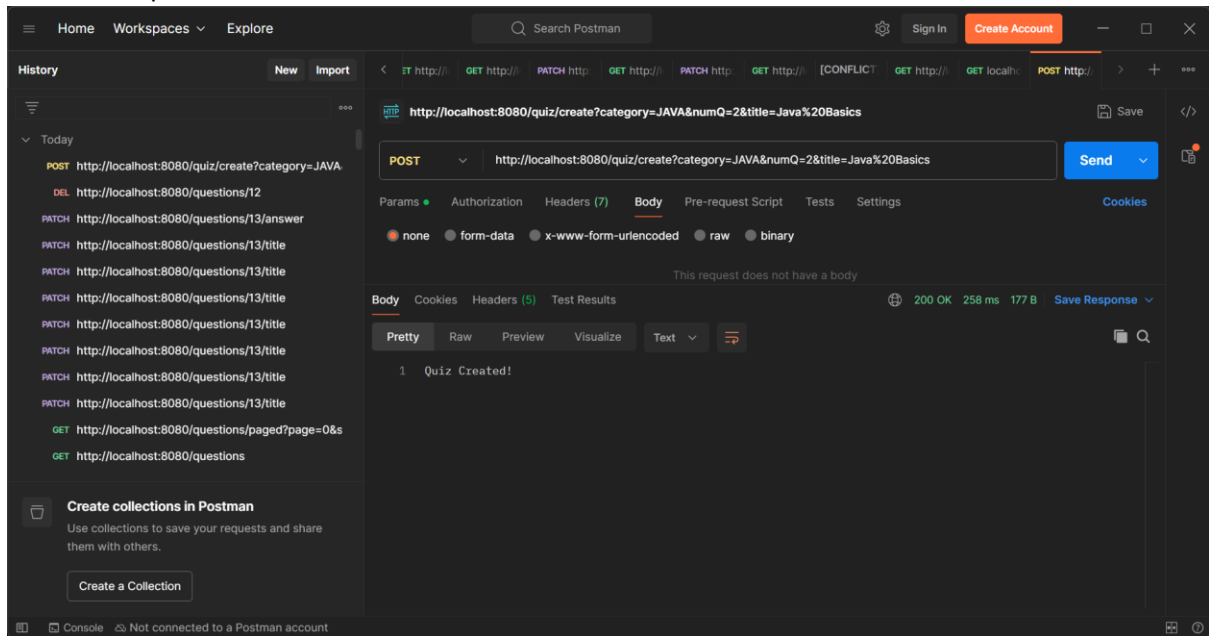
- DEL `http://localhost:8080/questions/12`
- PATCH `http://localhost:8080/questions/13/answer`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- PATCH `http://localhost:8080/questions/13/title`
- GET `http://localhost:8080/questions/paged?page=0&s`
- GET `http://localhost:8080/questions`
- POST `http://localhost:8080/questions`

Create collections in Postman

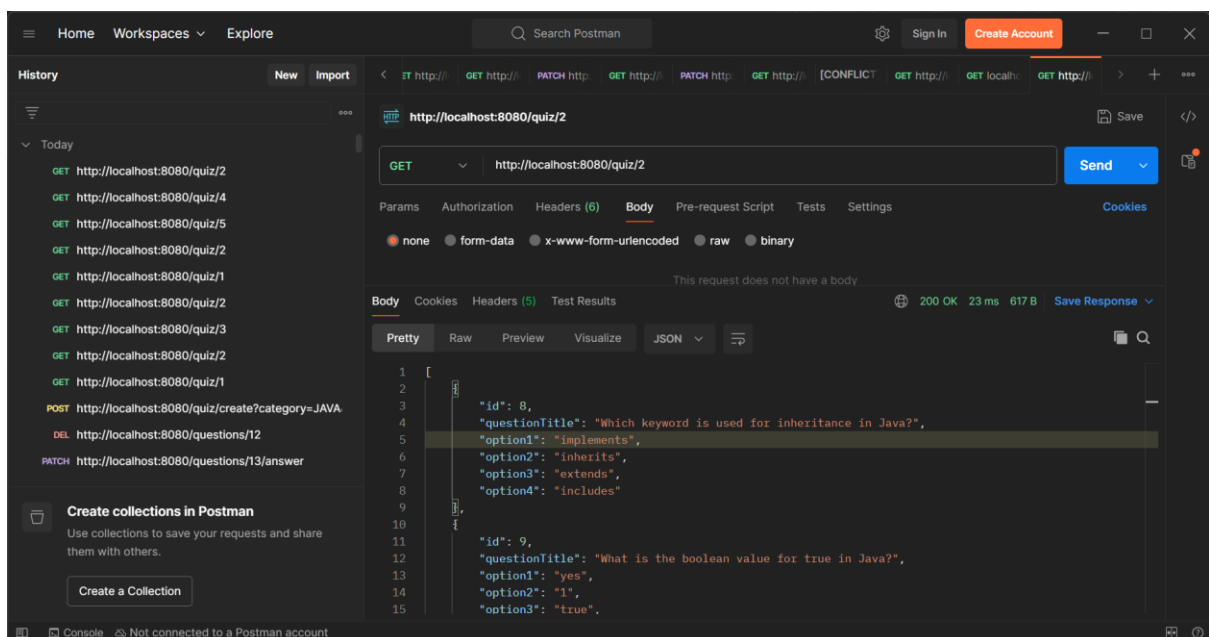
Use collections to save your requests and share them with others.

Create a Collection

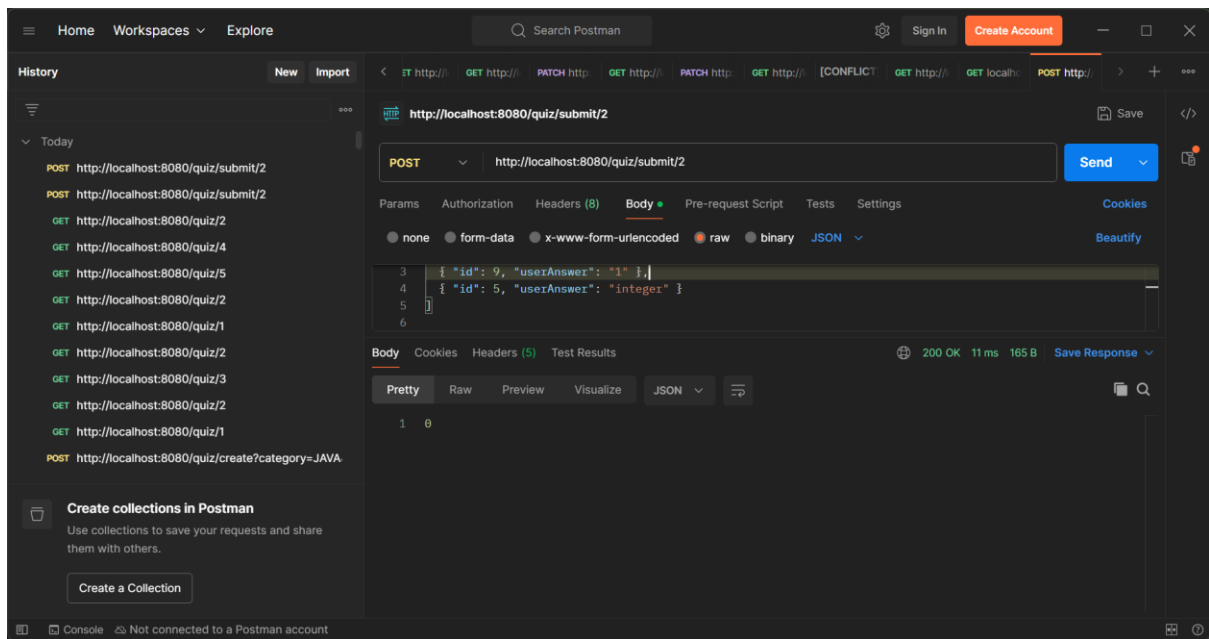
## 7. Create a quiz



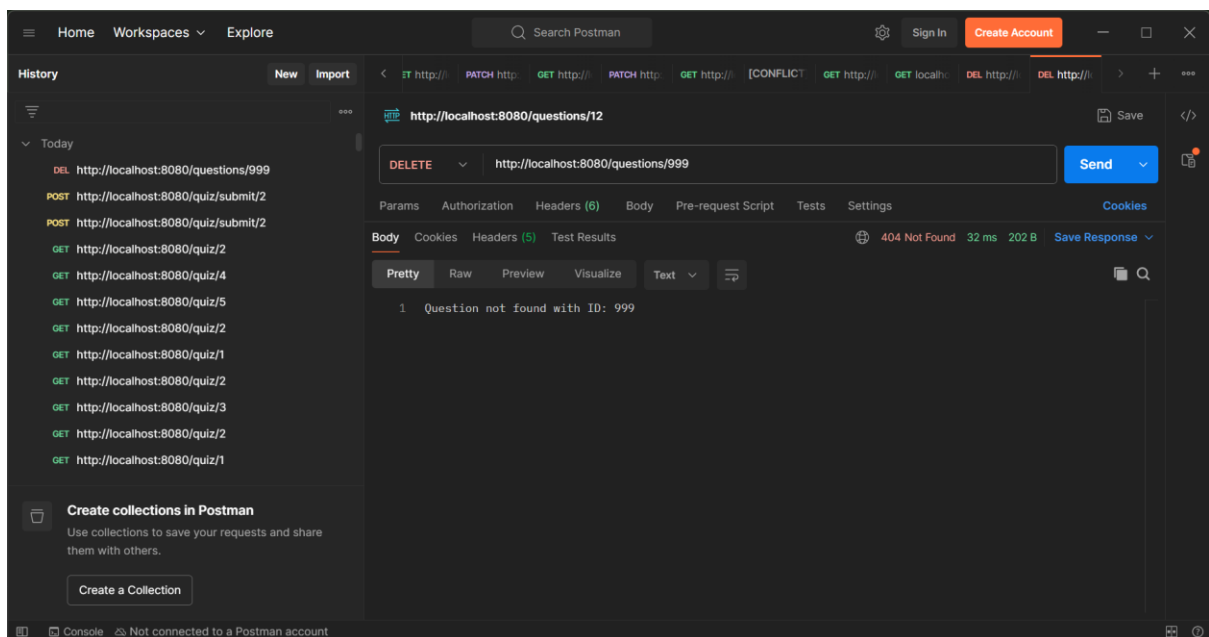
## 8. Get quiz questions (wrapper – no correct answers)



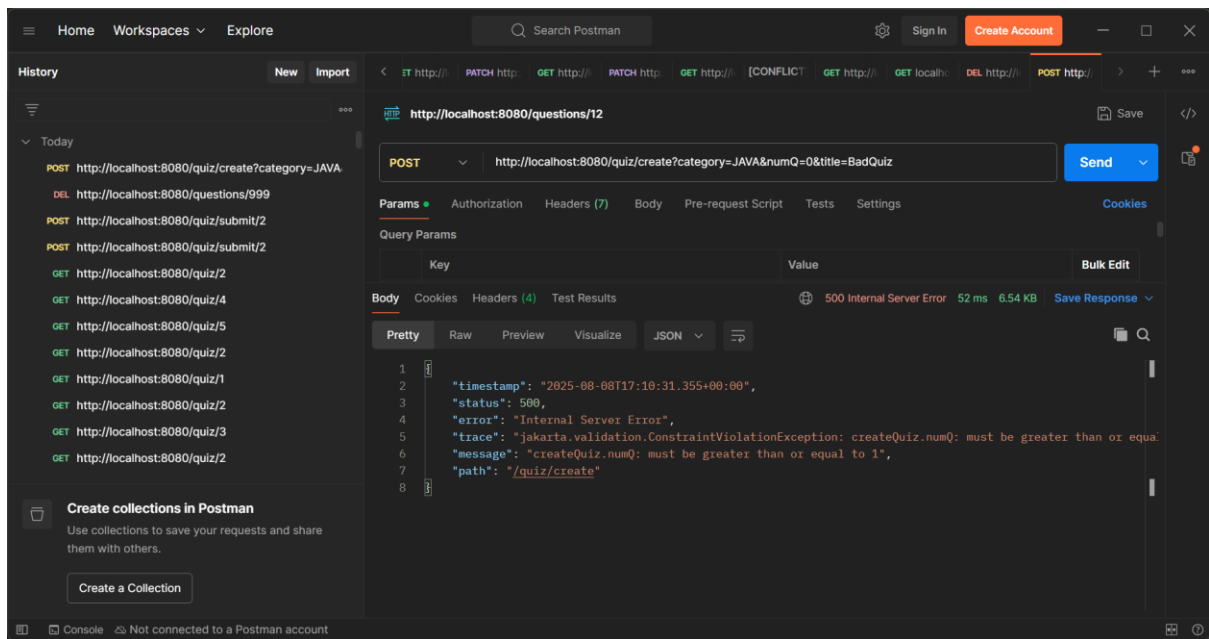
## 9. Submit quiz answers (using **real answer text**)



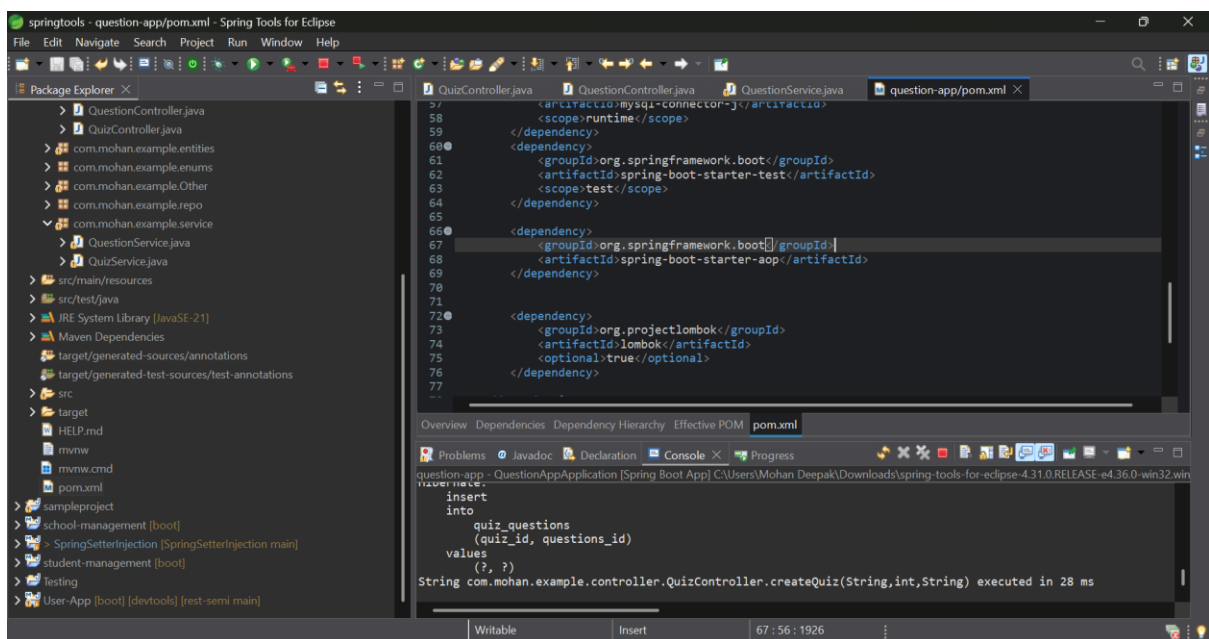
## 10. Custom Exception (404 from QuestionNotFoundException)



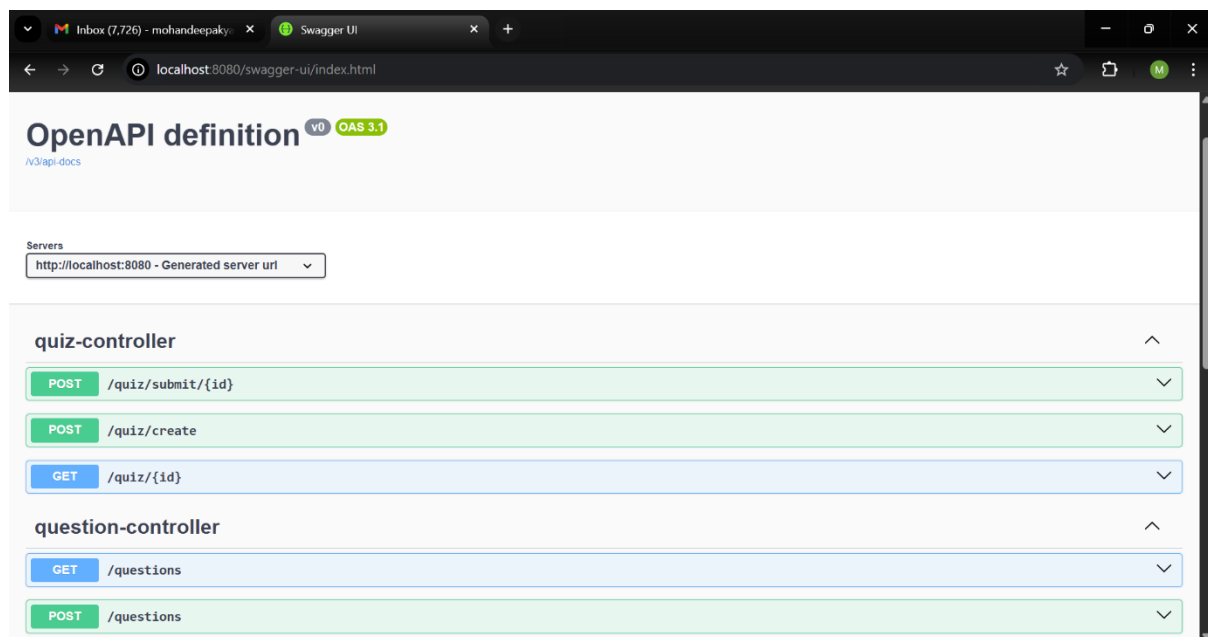
## 11. Validation



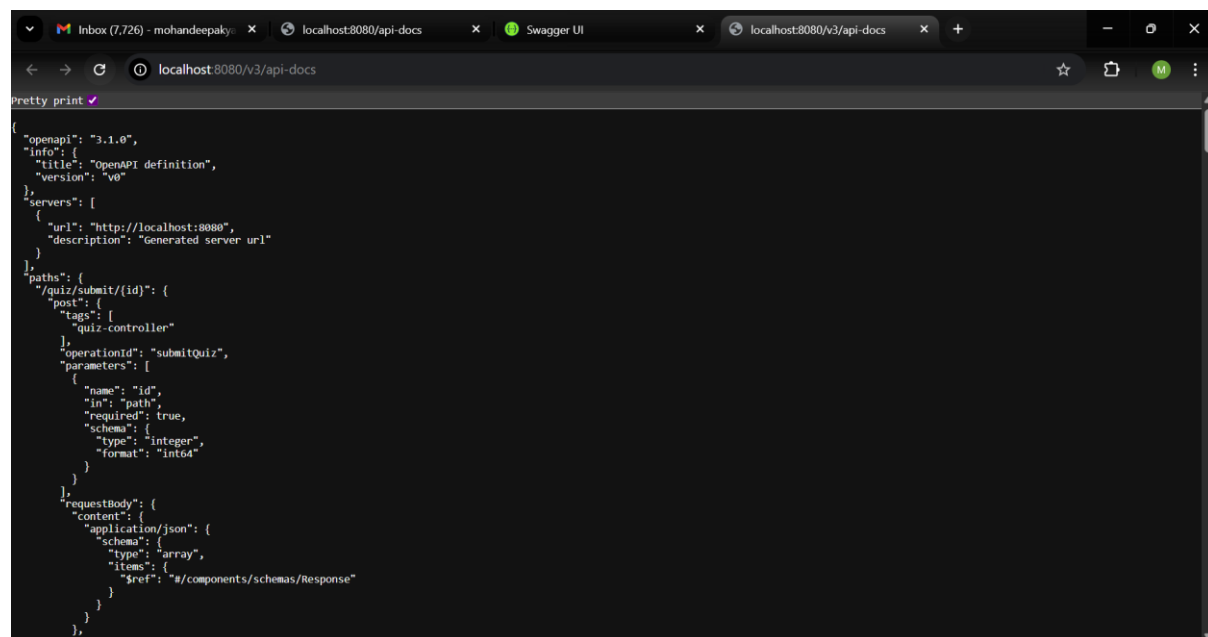
## 12. AOP (LoggingAspect)



## 13. Swagger UI



## 14. API-docs



## 15.AOP

```
springtools - quiz-app:monorepo/src/main/java/com/mohan/example/Other/EndpointLoggingAspect.java - Spring Tools for Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help

# Problems Javadoc Declaration Console X Progress
question-app - QuestionAppApplication [Spring Boot App] C:\Users\Mohan Deepak\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64\sts-4.31.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full...

Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
Database driver: undefined/unknown
Database version: 8.0.29
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown

2025-08-09T09:43:32.461+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000489: No JTA platform available (set 'hibern
2025-08-09T09:43:32.596+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persiste
2025-08-09T09:43:32.980+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] o.s.d.j.r.query.QueryEnhancerFactory : Hibernate is in classpath; If applicable, HQL par
2025-08-09T09:43:33.409+05:30 WARN 4588 --- [Quiz-app] [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Th
2025-08-09T09:43:34.215+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2025-08-09T09:43:34.280+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context p
2025-08-09T09:43:34.289+05:30 INFO 4588 --- [Quiz-app] [ restartedMain] c.mohan.example.QuestionAppApplication : Started QuestionAppApplication in 8.394 seconds (
2025-08-09T09:43:58.074+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcher
2025-08-09T09:43:58.074+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2025-08-09T09:43:58.077+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 3 ms
2025-08-09T09:43:58.123+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] c.m.example.Other.EndpointLoggingAspect : logging something before /questions Endpoint
2025-08-09T09:43:58.123+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] c.m.example.Other.EndpointLoggingAspect : which method we are calling: getAllQuestions

Hibernate:
select
  q1_0.id,
  q1_0.category,
  q1_0.correct_answer,
  q1_0.difficulty_level,
  q1_0.option1,
  q1_0.option2,
  q1_0.option3,
  q1_0.option4,
  q1_0.question_title
from
  question q1_0
2025-08-09T09:43:58.279+05:30 INFO 4588 --- [Quiz-app] [nio-8080-exec-1] c.m.example.Other.EndpointLoggingAspect : completed GET /questions in 156 ms
```