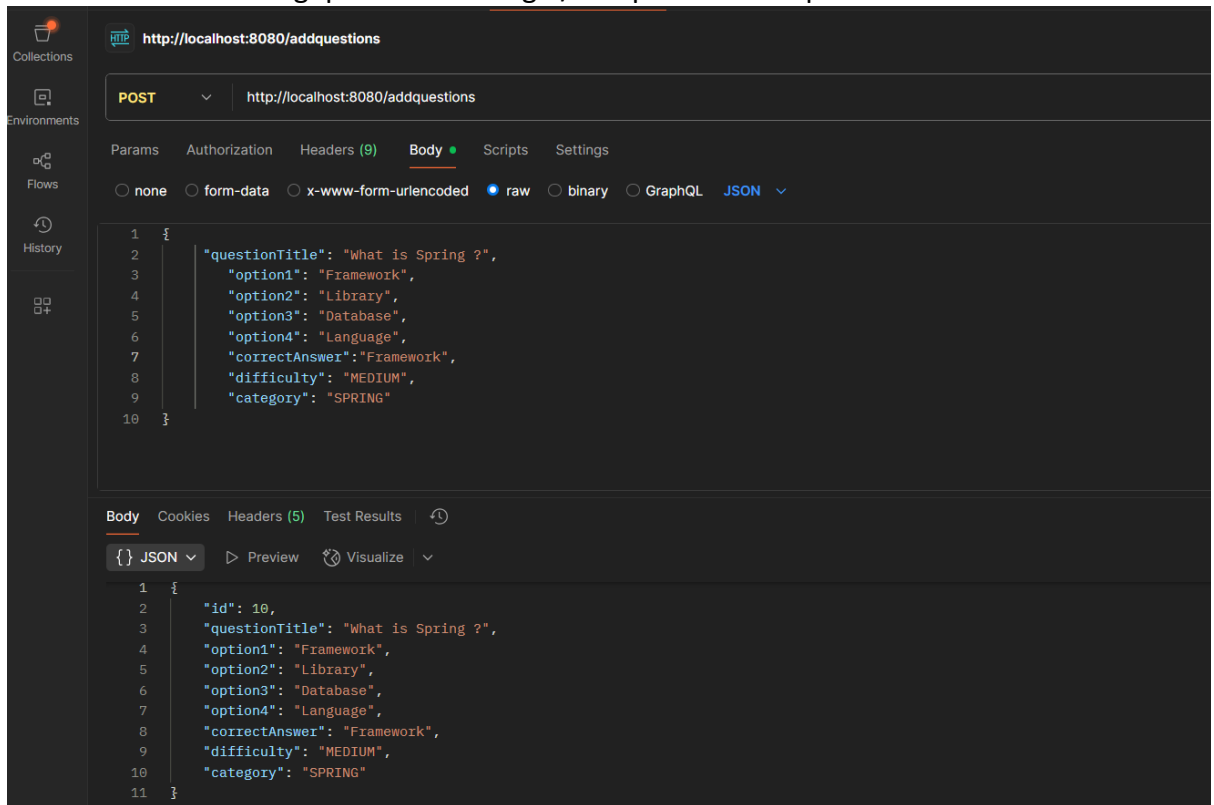


Results

QuestionControllerEndpoints:

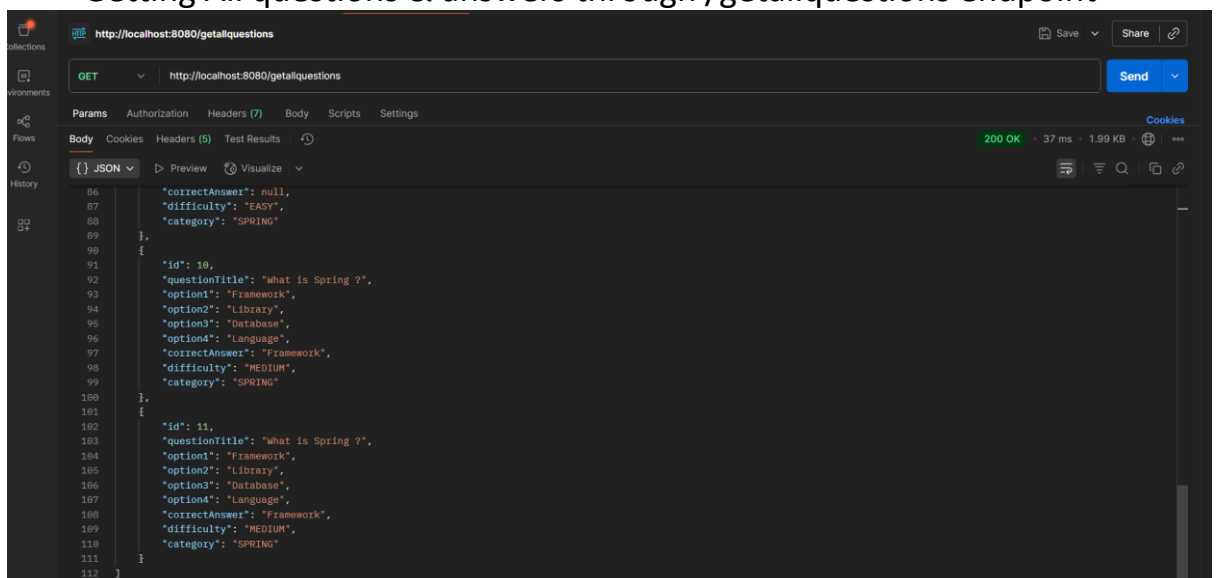
1) /addquestions:

Adding questions through /addquestions endpoint



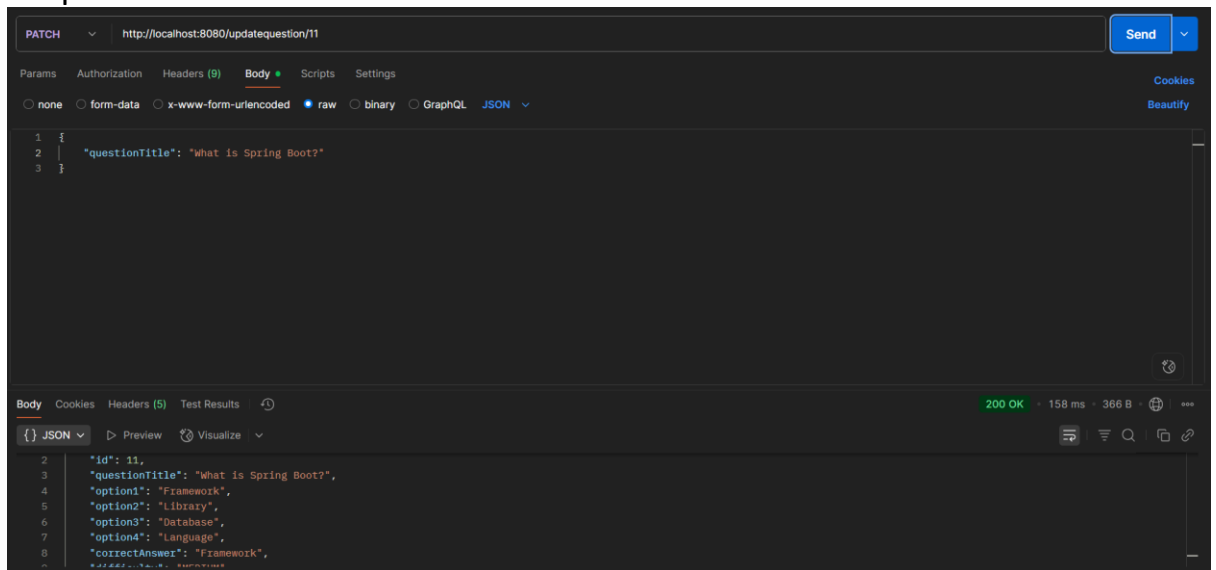
2) /getallquestions

Getting All questions & answers through /getallquestions endpoint



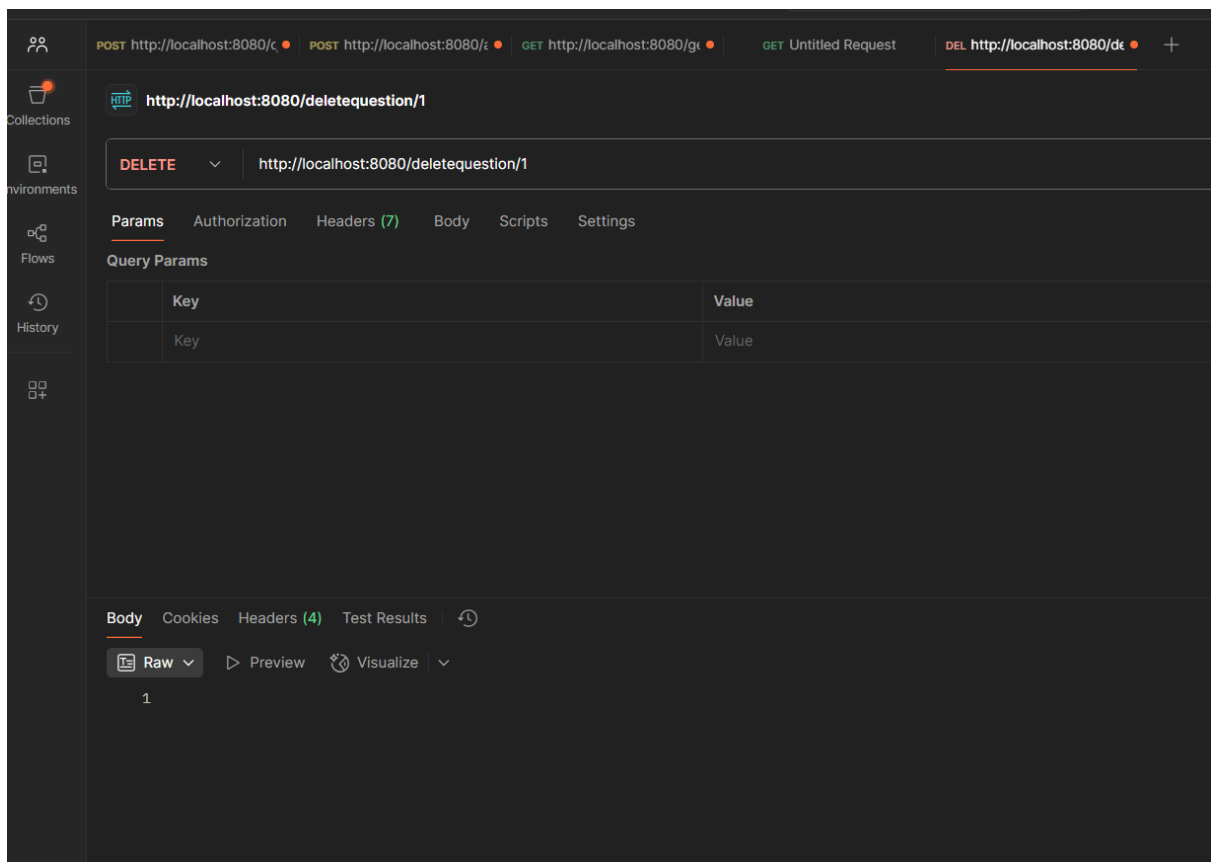
3) /updatequestion/{id}

Patch Updating the question through /updatequestion/id endpoint



4) /deletequestion/{id}

Deleting question through /deletequestion/id endpoint



QuizControllerEndpoints:

1) `/quiz/create`

Creating quiz through `/quiz/create` end point

The screenshot shows a REST client interface with a POST request to `http://localhost:8080/quiz/create?category=SPRING&level=MEDIUM&title=JavaBasics`. The request is successful, returning a 200 OK status. The response body is a JSON object representing a quiz.

Key	Value	Description
<input checked="" type="checkbox"/>	category	SPRING
<input checked="" type="checkbox"/>	level	MEDIUM
<input checked="" type="checkbox"/>	title	JavaBasics

```
{
  "id": 11,
  "questionTitle": "What is Spring Boot?",
  "option1": "Framework",
  "option2": "Library",
  "option3": "Database",
  "option4": "Language",
  "correctAnswer": "Framework",
  "difficulty": "MEDIUM",
  "category": "SPRING"
}
```

2) `/quiz/getquizbyid/{id}`

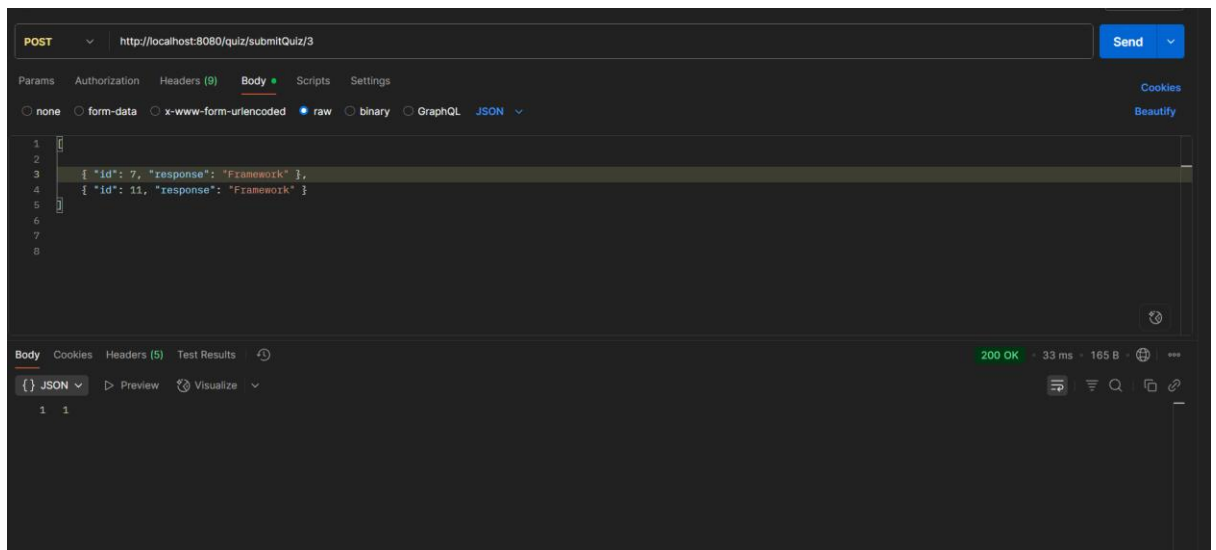
Getting quiz through `/quiz/getquizbyid/id`

The screenshot shows a REST client interface with a GET request to `http://localhost:8080/quiz/getquizbyid/1`. The request is successful, returning a 200 OK status. The response body is a JSON object representing a quiz.

```
{
  "option4": "Language"
},
{
  "id": 7,
  "questionTitle": "What is Spring Boot?",
  "option1": "Framework",
  "option2": "Library",
  "option3": "Database",
  "option4": "Language"
}
```

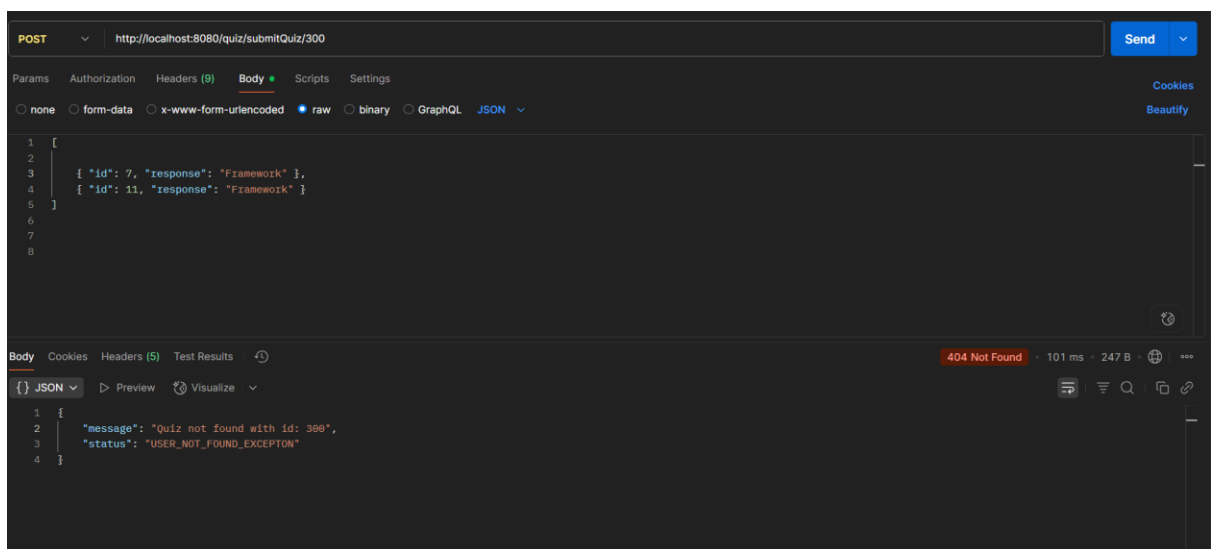
3) `/submitQuiz/{id}`

Submitting the quiz through `/submitQuiz/{id}` endpoint



MyCustomException:

Created the own custom exception



Logging:

```
05:30 INFO 13680 --- [Quizapp] [nio-8080-exec-2] o.s.web.servlet.DispatcherServlet : Complet
05:30 WARN 13680 --- [Quizapp] [nio-8080-exec-2] c.q.example.service.QuizServiceImpl : Excepti
```

AOP:

Implemented AOP and called before submitting the quiz

```
20:44:42.149+05:30 WARN 13680 --- [Quizapp] [nio-8080-exec-2] .m.m.a.ExceptionHandlerExceptionHandlerResolver : Resolved [com.quizapp.example.ex.USER_NOT_FOUND_EXCEPTI
20:44:53.107+05:30 INFO 13680 --- [Quizapp] [nio-8080-exec-3] com.quizapp.example.Aop.quizAop : About to submit quiz at: 2025-08-08T20:44:53.107788
```

SWAGGER-UI:

