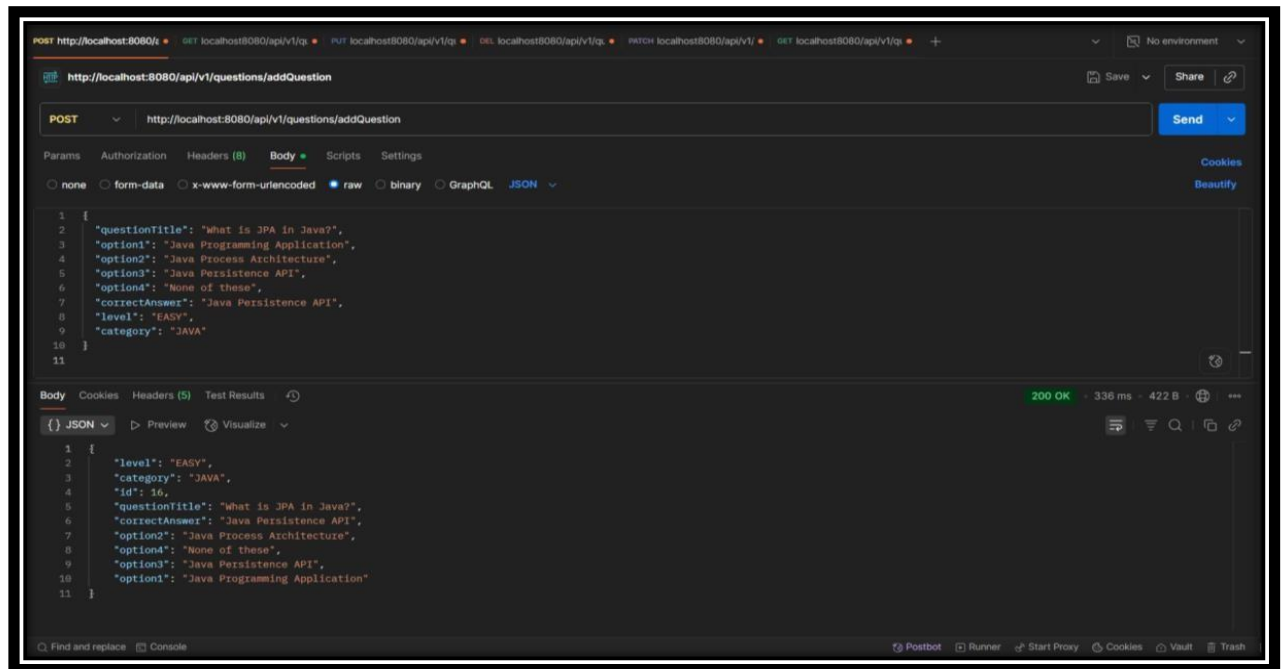


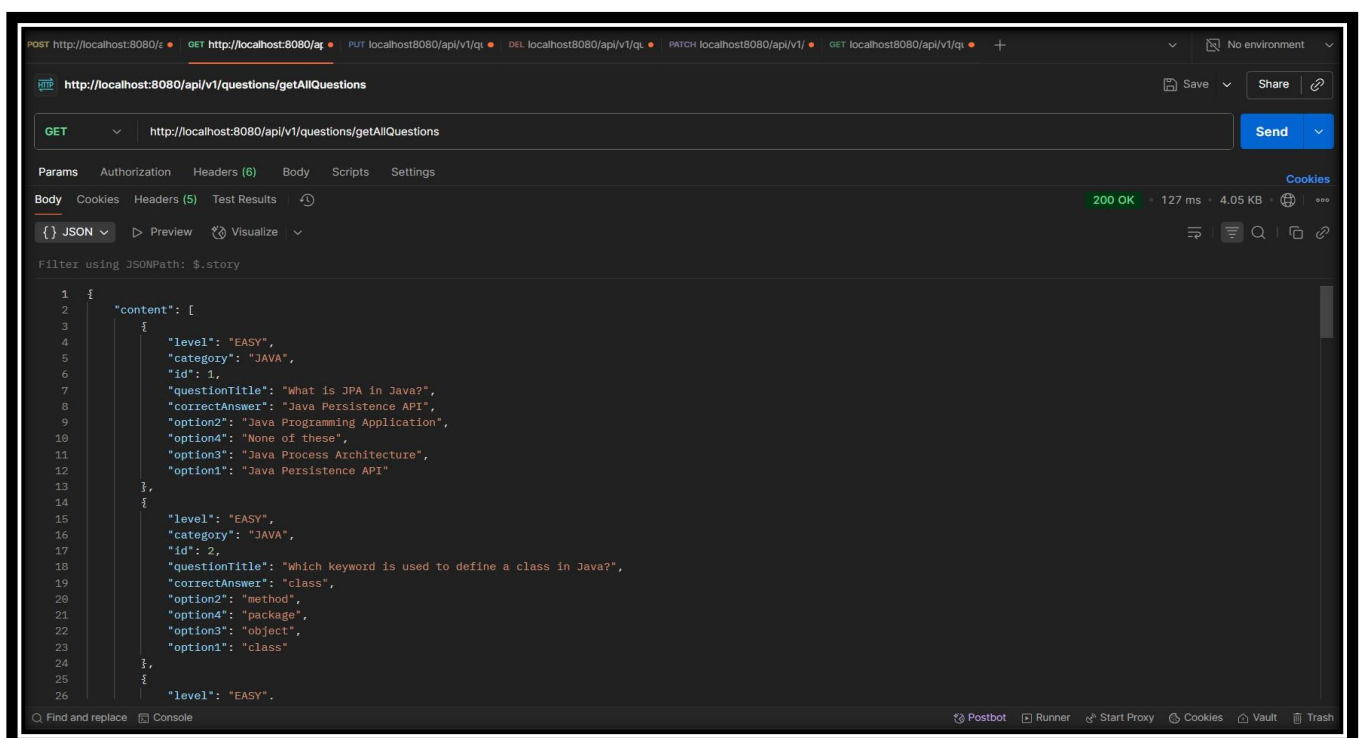
# QuizApp\_Mono\_Repo\_Outputs

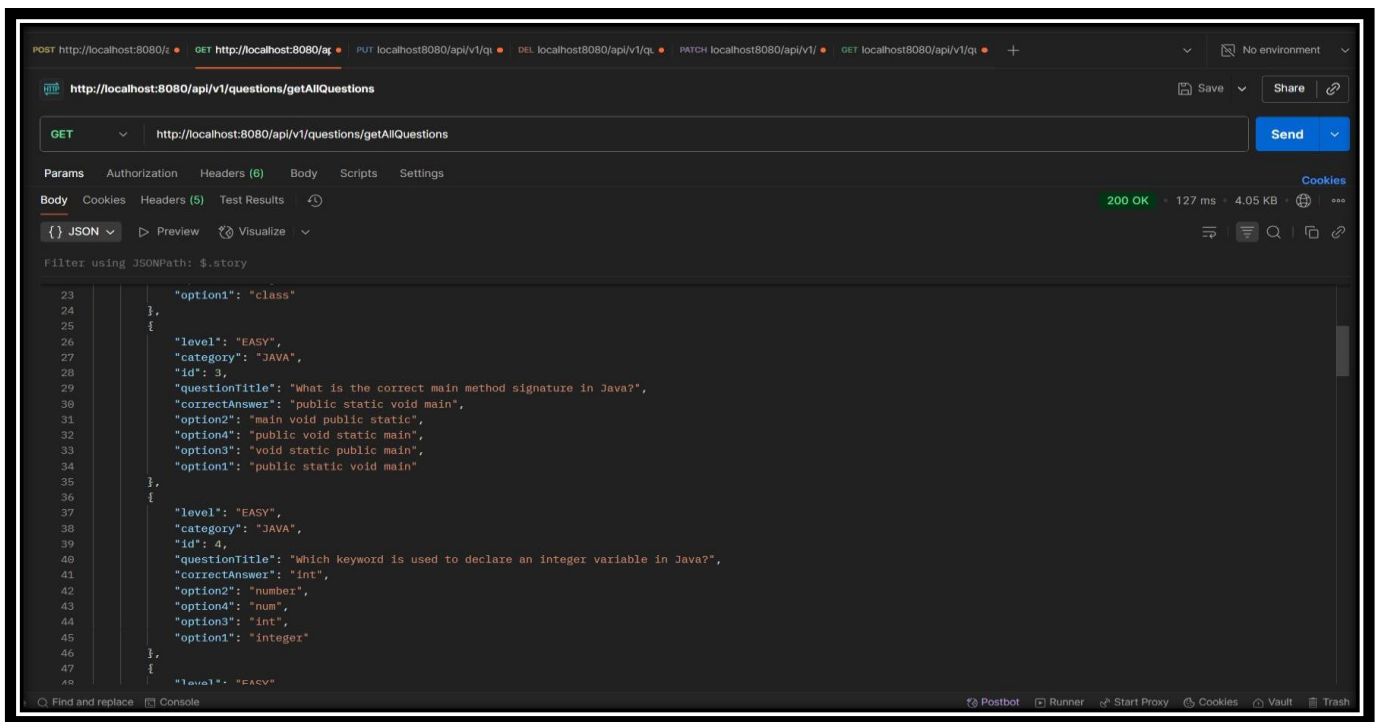
## 1. Testing the Endpoints of QuestionController

- **@PostMapping("/addQuestion")**
  - **/addQuestion** :- It send data to the server to create a new resource (like adding a new question)

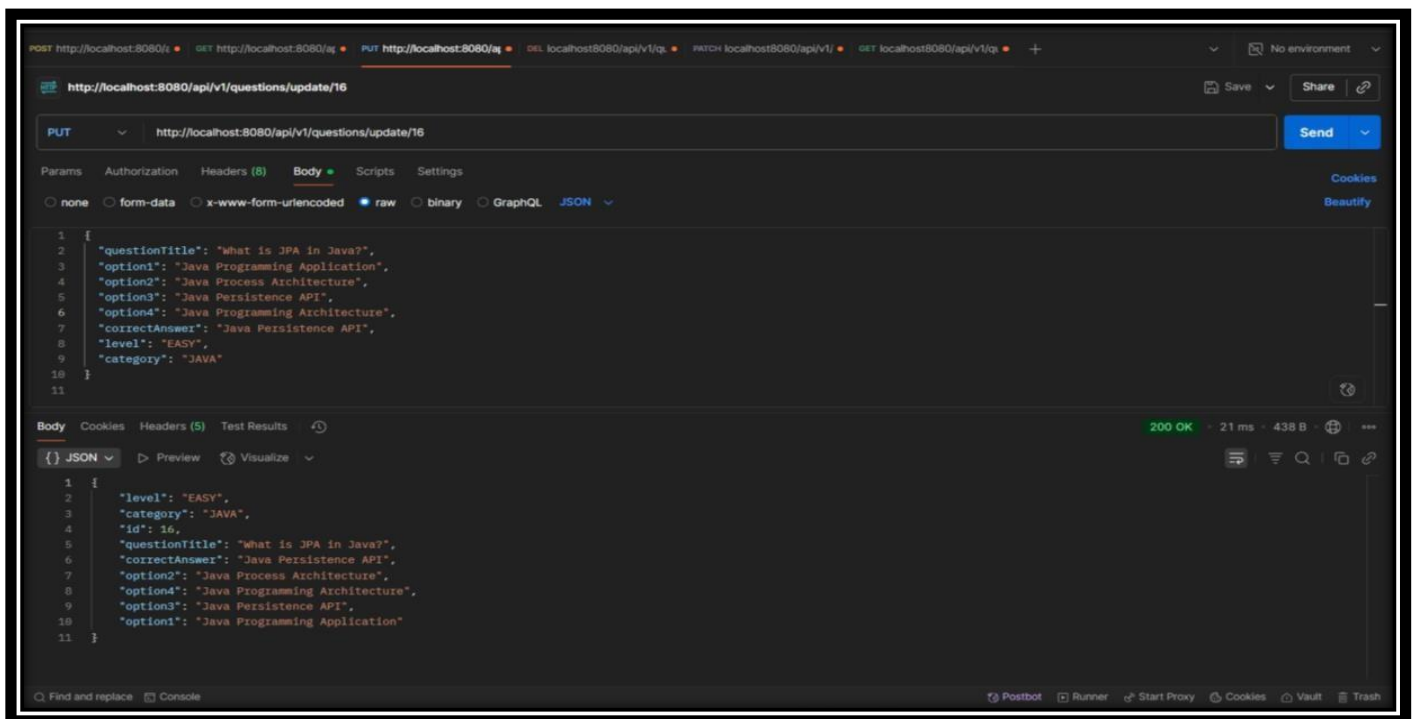


- **@GetMapping("/getAllQuestions")**
  - **/getAllQuestions** :- To retrieve data from the server without modifying it.

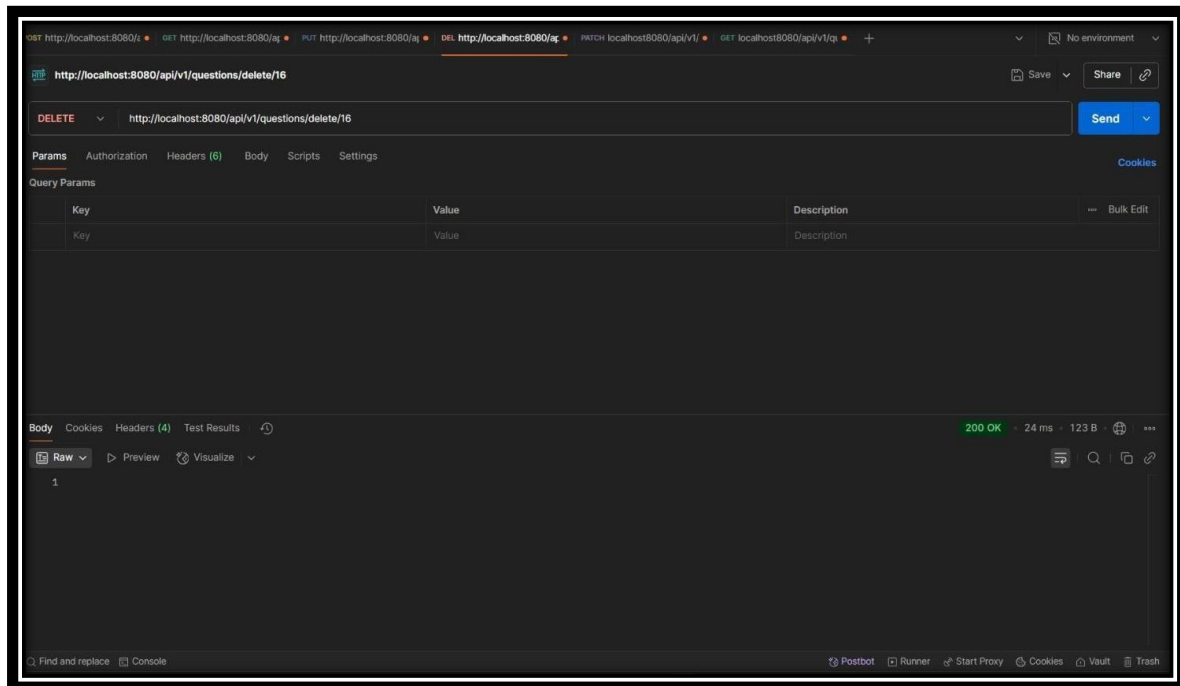




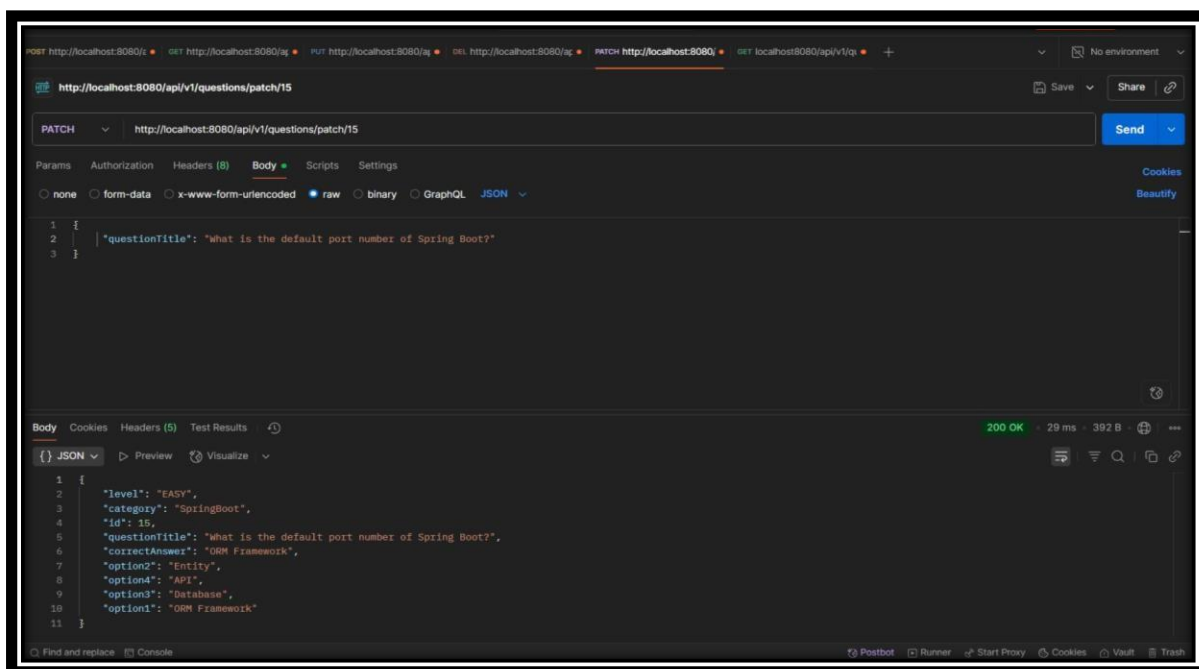
- @PutMapping("/update/{id}")
  - /update/{id} :- Update an existing record in the database.



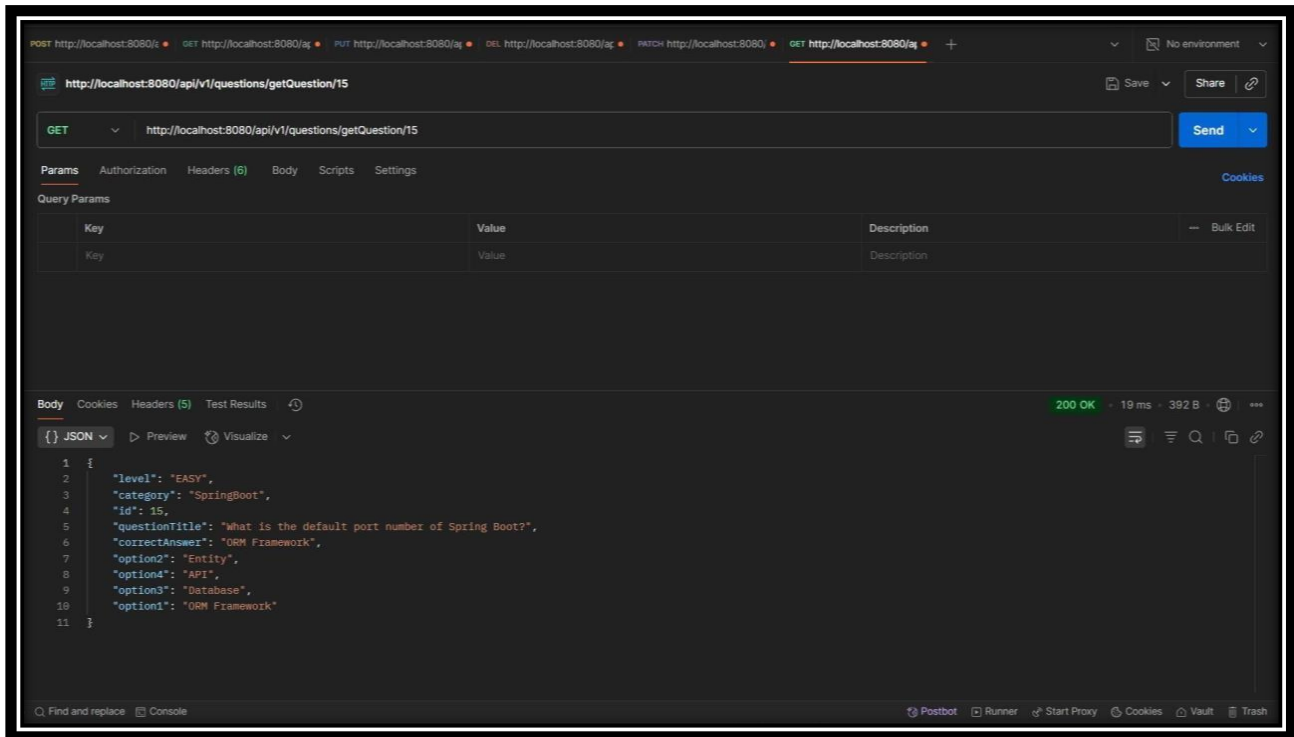
- **@DeleteMapping("/delete/{id}")**
- **/delete/{id}** :- Permanently remove an existing record from database.



- **@PatchMapping("patch/{id}")**
- **patch/{id}** :- To update specific fields of a record.

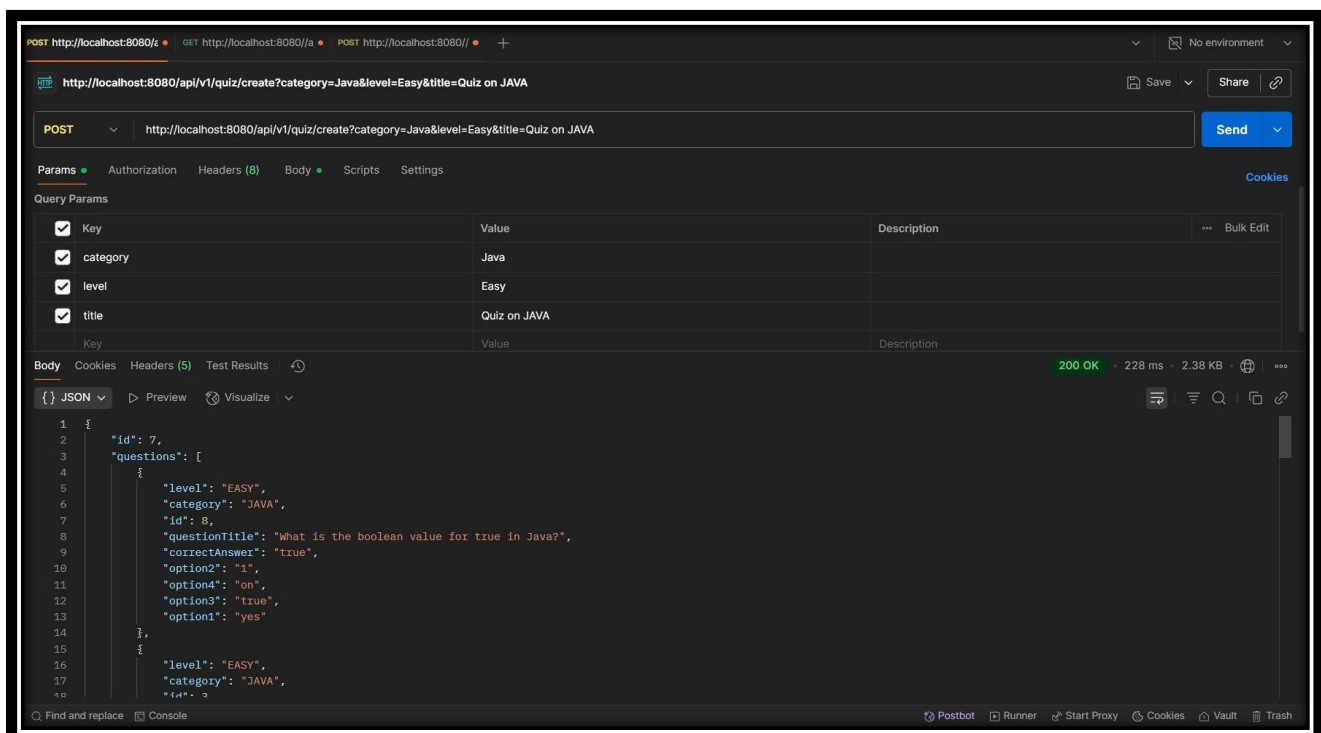


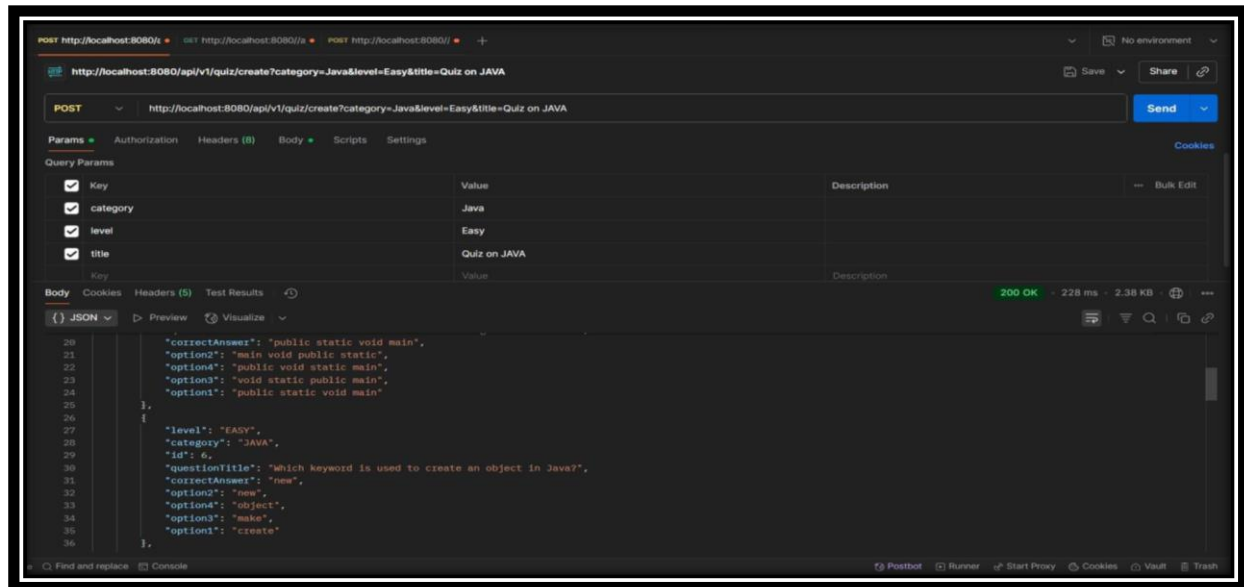
- **@GetMapping("getQuestion/{id}")**
  - **getQuestion/{id}** :- To fetch one specific question.



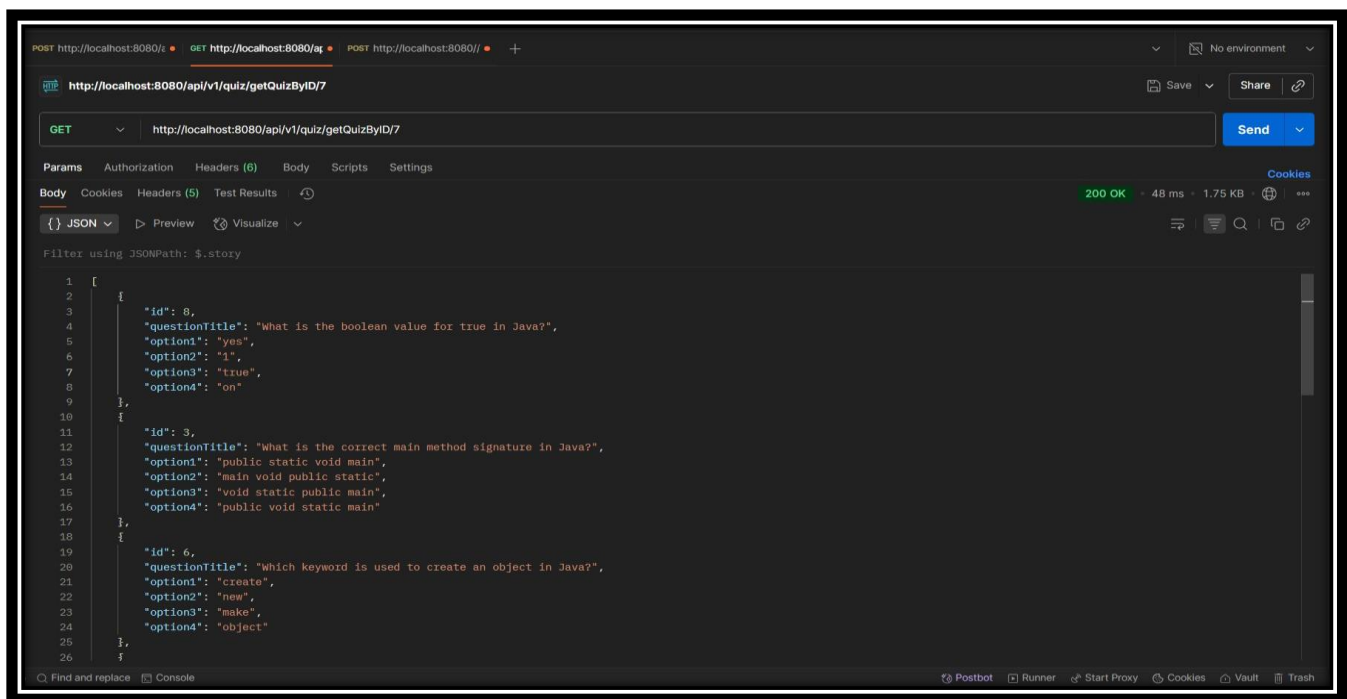
## 2. Testing the Endpoints if QuizController

- **@PostMapping("/create")**
  - **/create** :- when you want to create a new record, But maybe for another entity.

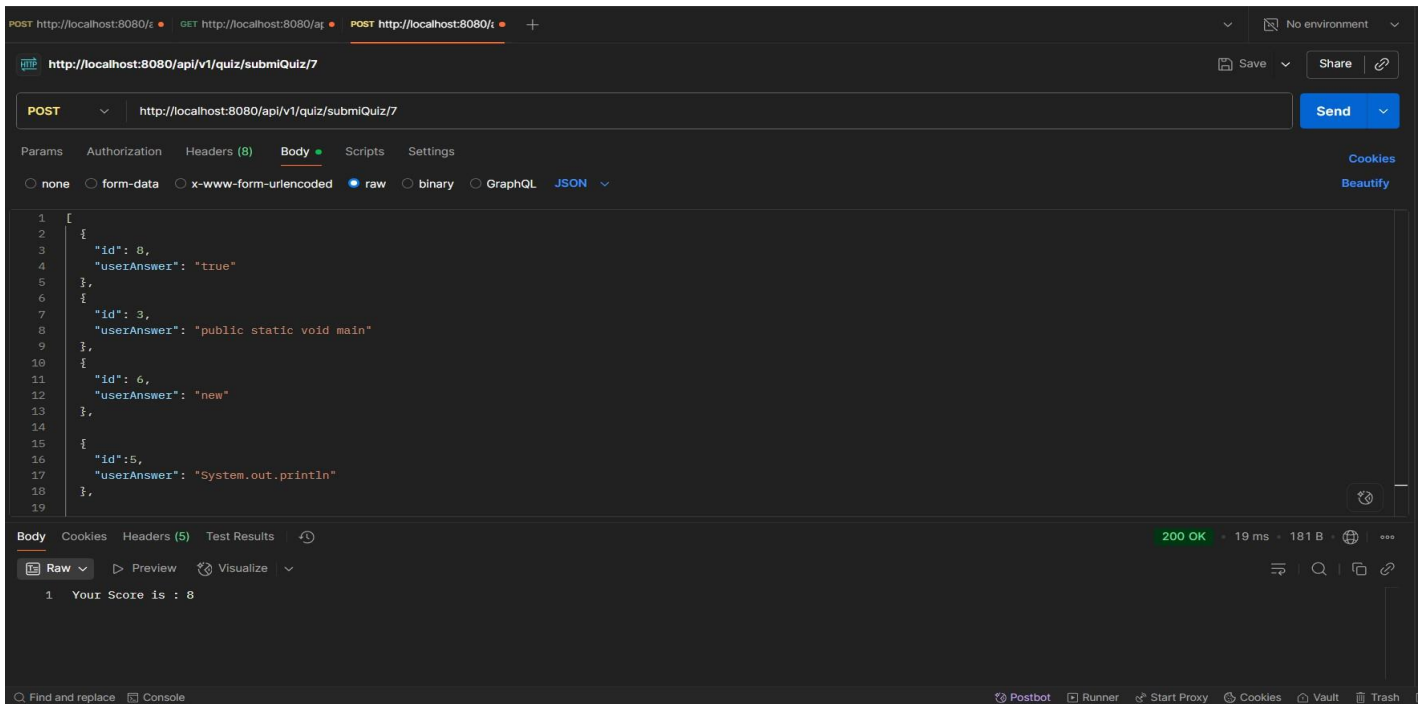




- `@GetMapping("/getQuizByID/{id}")`
- `/getQuizByID/{id}` :- It Fetches a single quiz from the database using its ID.



- **@PostMapping("/submitQuiz/{id}")**
  - **/submitQuiz/{id} :-** A user submits answers for a quiz.



### 3. Screenshots of Logs in console

- **Logs** : Logs are messages your app writes to tell you what it's doing. {Info, Debug, Warn, Error}
- **Logs are important for**
  - **Debugging** → Helps find and fix errors.
  - **Monitoring** → See how the app is performing in real time.
  - **Auditing** → Track what users or systems did.
  - **Troubleshooting** → Understand what led to an issue.

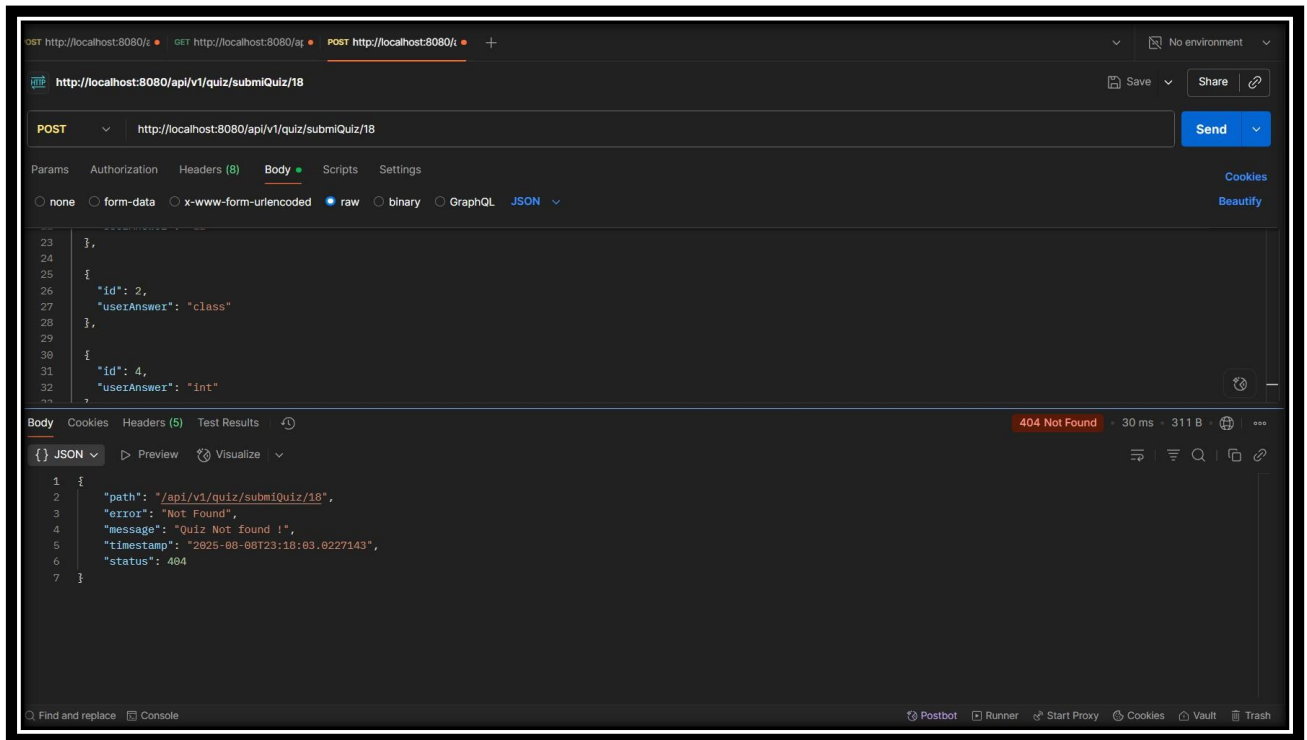
```

Hibernate:
  select
    q1_0.id,
    q1_0.quiz_title
  from
    quiz q1_0
  where
    q1_0.id=?
Hibernate:
  select
    q1_0.quiz_id,
    q1_1.id,
    q1_1.correct_answer,
    q1_1.option1,
    q1_1.option2,
    q1_1.option3,
    q1_1.option4,
    q1_1.question_title,
    q1_1.category,
    q1_1.level
  from
    quiz_questions q1_0
  join
    question q1_1
    on q1_1.id=q1_0.questions_id
  where
    q1_0.quiz_id=?

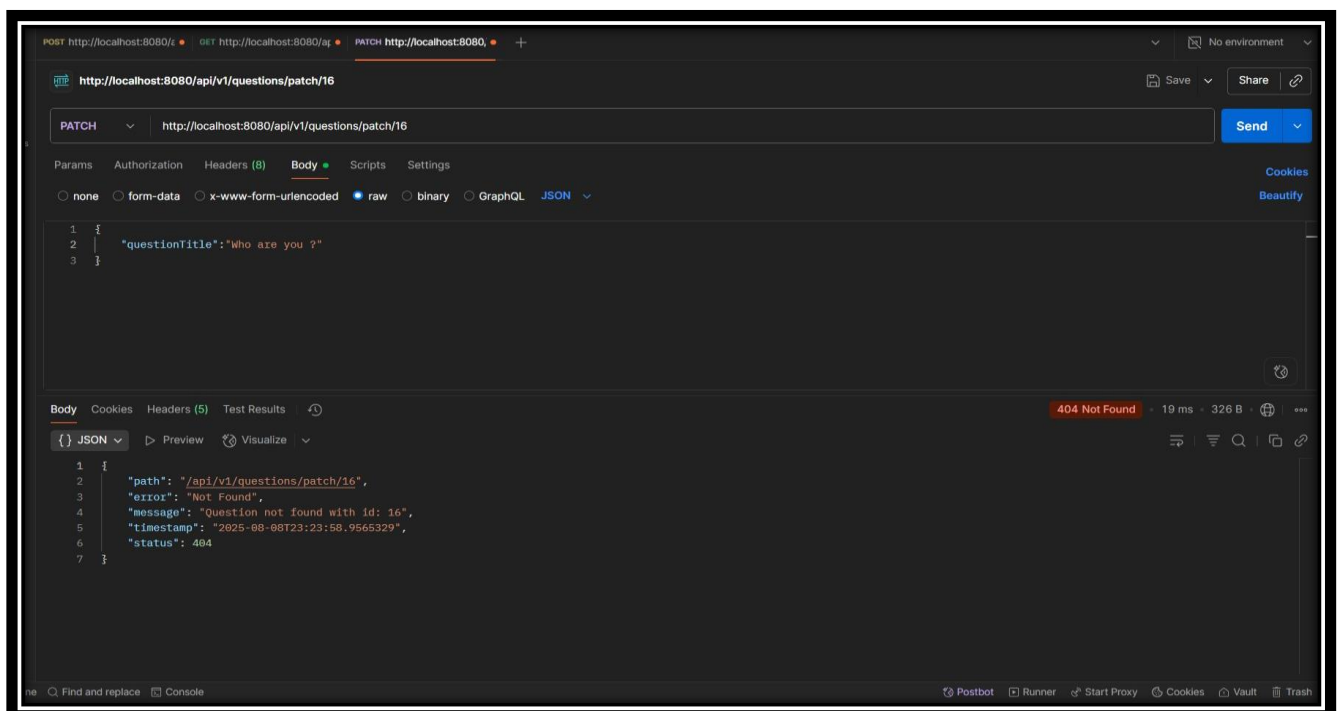
```

#### 4. Screenshots of Custom exceptions

- **QuizNotFoundException** :- It is created when your application needs to indicate that a specific quiz does not exist.

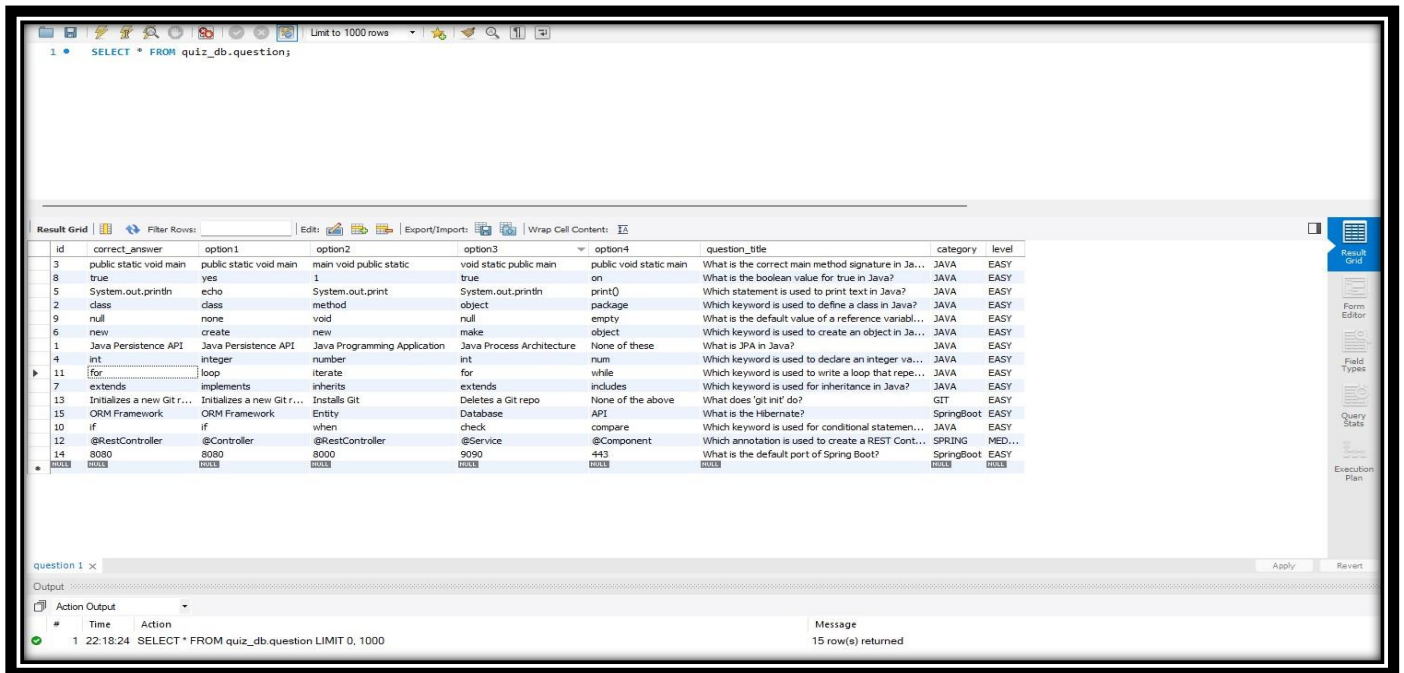


- **QuestionNotFoundException** :- A particular question cannot be found in the database.





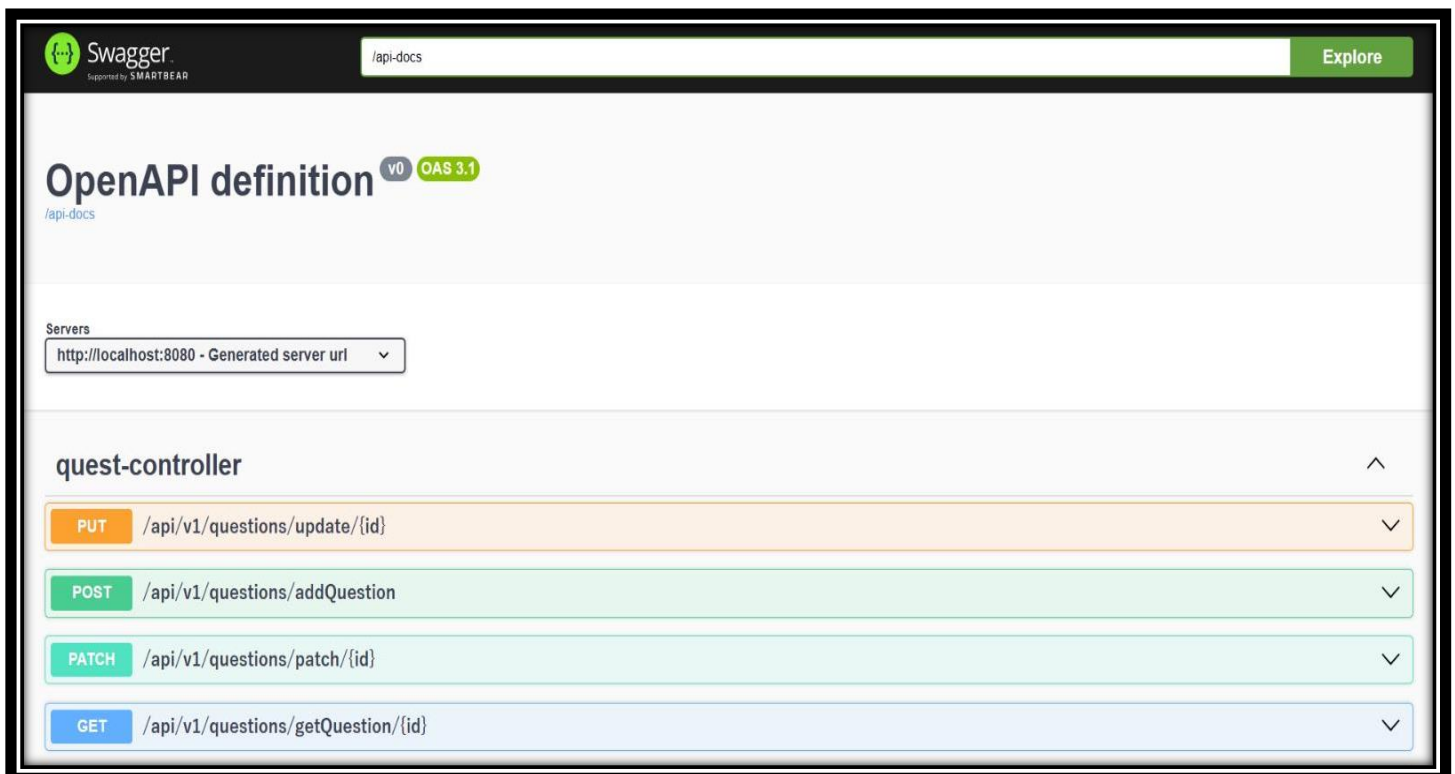
## 5. MySQL Database



The screenshot shows a MySQL query editor with a query: `SELECT * FROM quiz_db.question;` The results are displayed in a grid format. The grid has columns: id, correct\_answer, option1, option2, option3, option4, question\_title, category, and level. The results show 15 rows of quiz questions.

id	correct_answer	option1	option2	option3	option4	question_title	category	level
3	public static void main	public static void main	main void public static	void static public main	public void static main	What is the correct main method signature in Java?	JAVA	EASY
8	true	yes	1	true	on	What is the boolean value for true in Java?	JAVA	EASY
5	System.out.println	echo	System.out.print	System.out.println	print()	Which statement is used to print text in Java?	JAVA	EASY
2	class	class	method	object	package	Which keyword is used to define a class in Java?	JAVA	EASY
9	null	none	void	null	empty	What is the default value of a reference variable in Java?	JAVA	EASY
6	new	create	new	make	object	Which keyword is used to create an object in Java?	JAVA	EASY
1	Java Persistence API	Java Persistence API	Java Programming Application	Java Process Architecture	None of these	What is JPA in Java?	JAVA	EASY
4	int	integer	number	int	num	Which keyword is used to declare an integer variable in Java?	JAVA	EASY
11	for	loop	iterate	for	while	Which keyword is used to write a loop that repeats a block of code?	JAVA	EASY
7	extends	implements	inherits	extends	includes	Which keyword is used for inheritance in Java?	JAVA	EASY
13	Initializes a new Git repository	Initializes a new Git repository	Installs Git	Deletes a Git repository	None of the above	What does 'git init' do?	GIT	EASY
15	ORM Framework	ORM Framework	Entity	Database	API	What is the Hibernate?	SpringBoot	EASY
10	if	when	check	compare	compare	Which keyword is used for conditional statements in Java?	JAVA	EASY
12	@RestController	@Controller	@RestController	@Service	@Component	Which annotation is used to create a REST Controller in Spring?	SPRING	MEDIUM
14	8080	8080	8000	9090	443	What is the default port of Spring Boot?	SpringBoot	EASY

## 6. Swagger API :- Swagger is a framework for describing and visualizing REST APIs. It generate API documentation from your controllers and annotations.



The screenshot shows the Swagger UI for an API. The top bar includes the Swagger logo, a search bar with the text "/api-docs", and an "Explore" button. The main heading is "OpenAPI definition" with a version indicator "v0" and "OAS 3.1". Below this, there is a "Servers" section with a dropdown menu showing "http://localhost:8080 - Generated server url". The main content area displays the "quest-controller" with four endpoints:

- PUT** /api/v1/questions/update/{id}
- POST** /api/v1/questions/addQuestion
- PATCH** /api/v1/questions/patch/{id}
- GET** /api/v1/questions/getQuestion/{id}



GET

/api/v1/questions/getAllQuestions

▼

DELETE

/api/v1/questions/delete/{id}

▼

quiz-controller

^

POST

/api/v1/quiz/submiQuiz/{id}

▼

POST

/api/v1/quiz/create

📄

▼

GET

/api/v1/quiz/getQuizByID/{id}

▼

Schemas

^

Question >

Expand all

object

Response >

Expand all

object

Quiz >

Expand all

object

