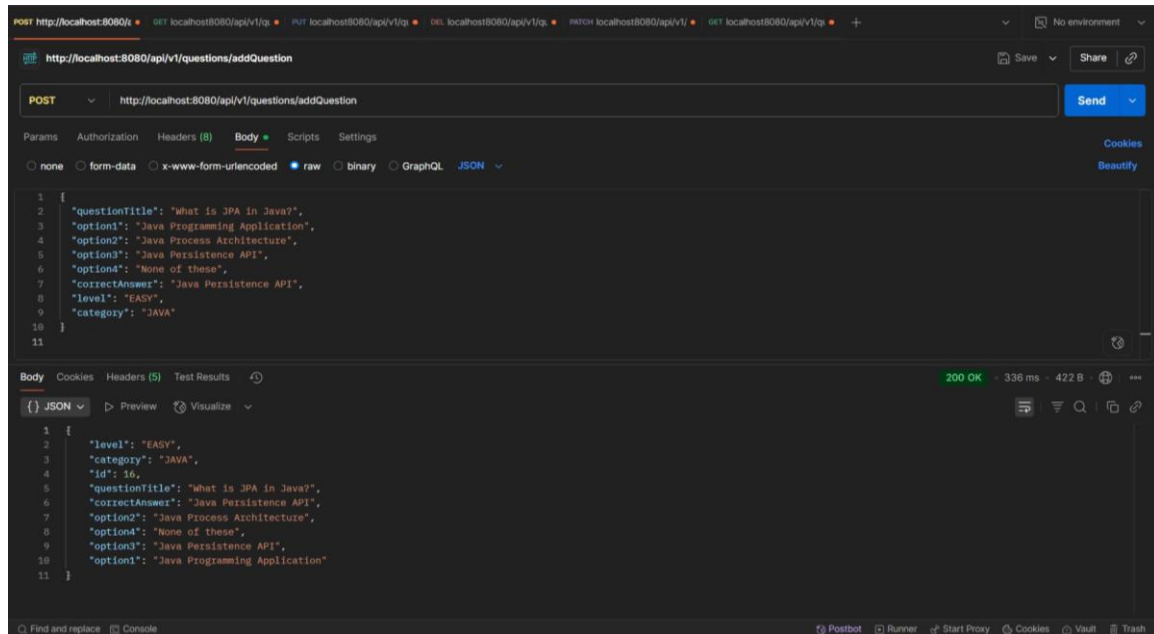


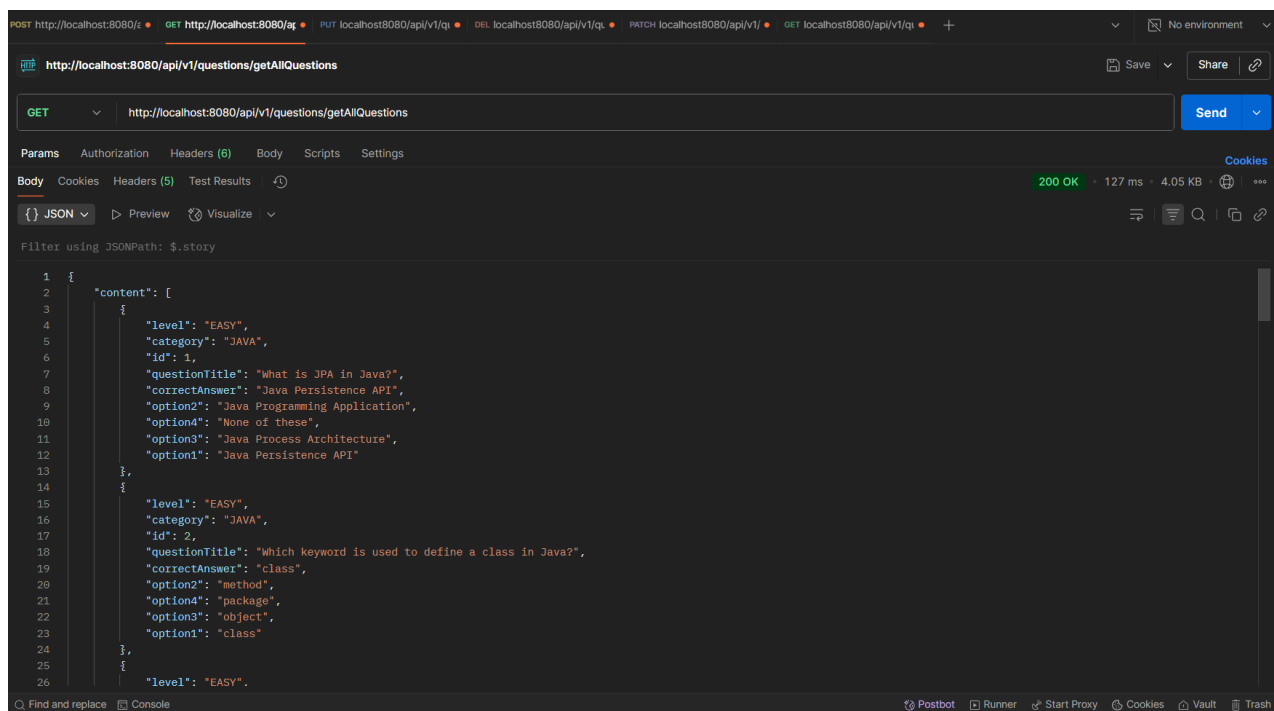
QuizApp_Mono_Repo_Outputs

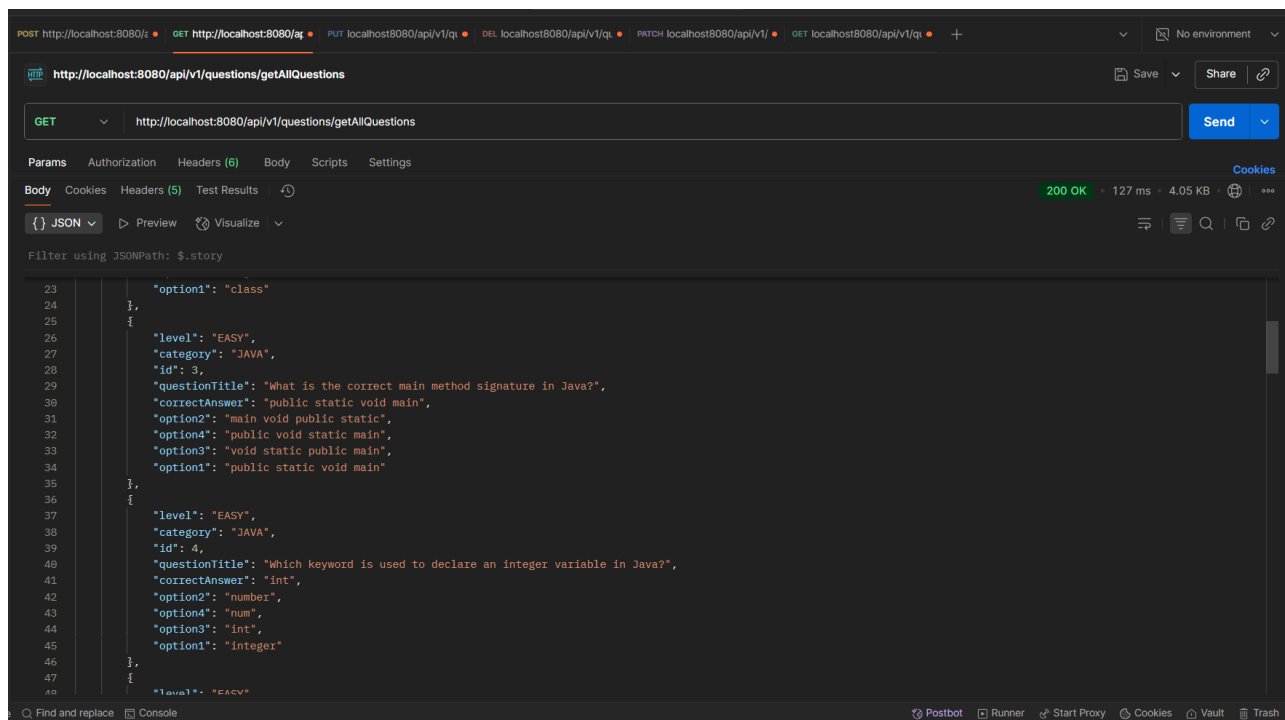
1. Testing the Endpoints of QuestionController

- *@PostMapping("/addQuestion")*

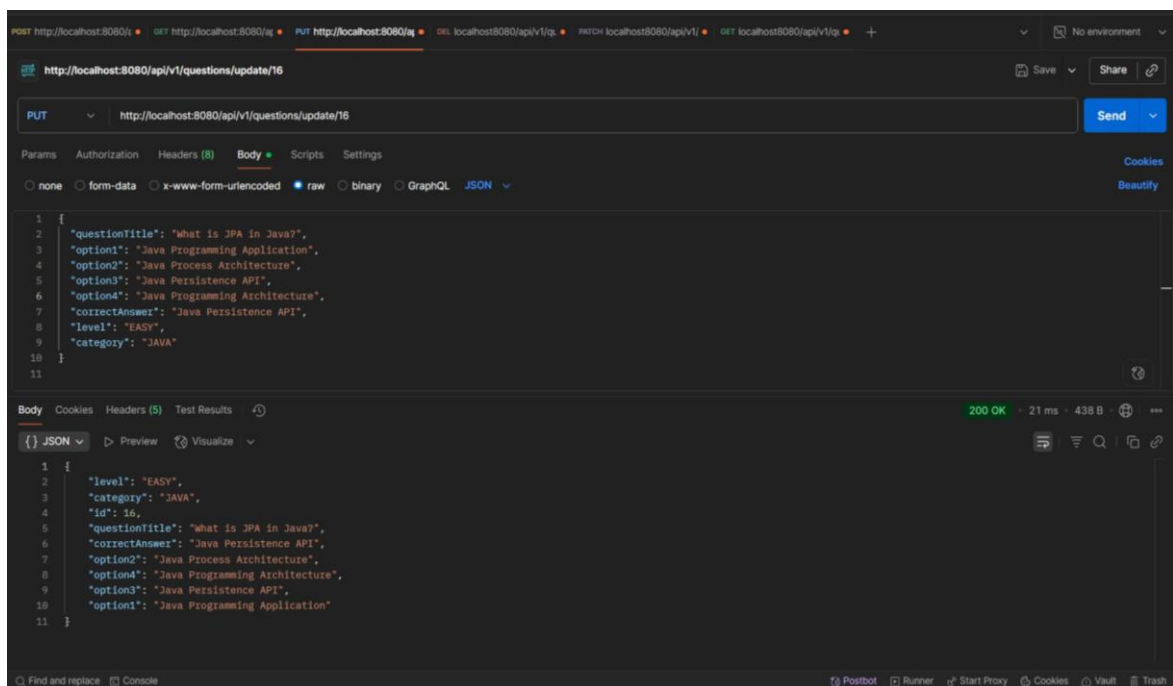


- *@GetMapping("/getAllQuestions")*

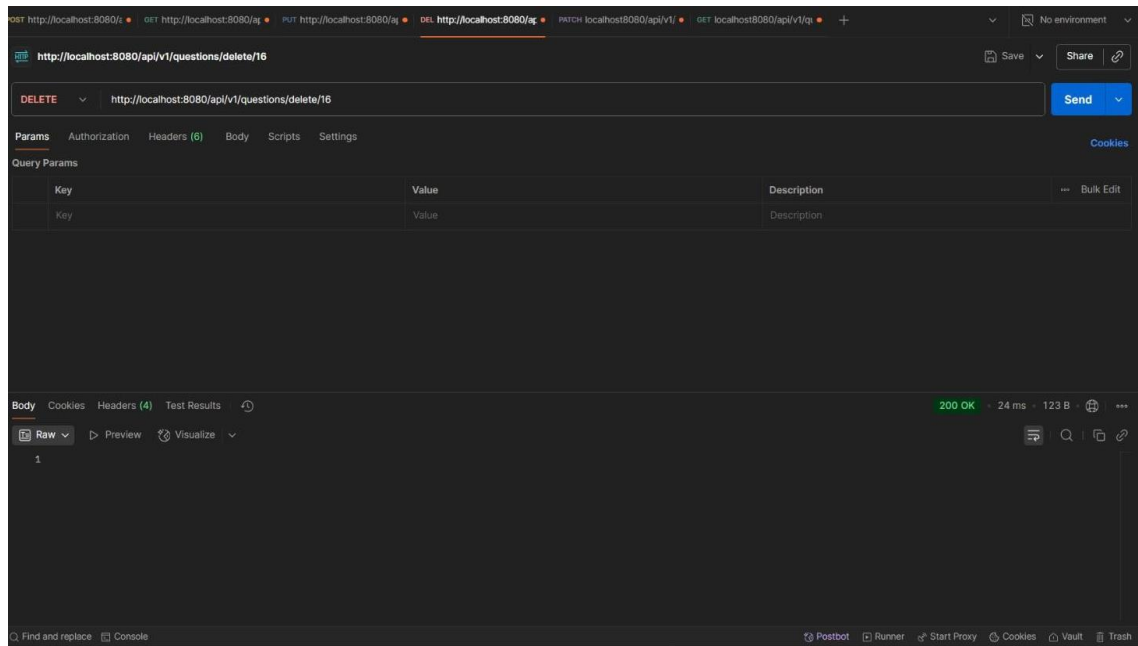




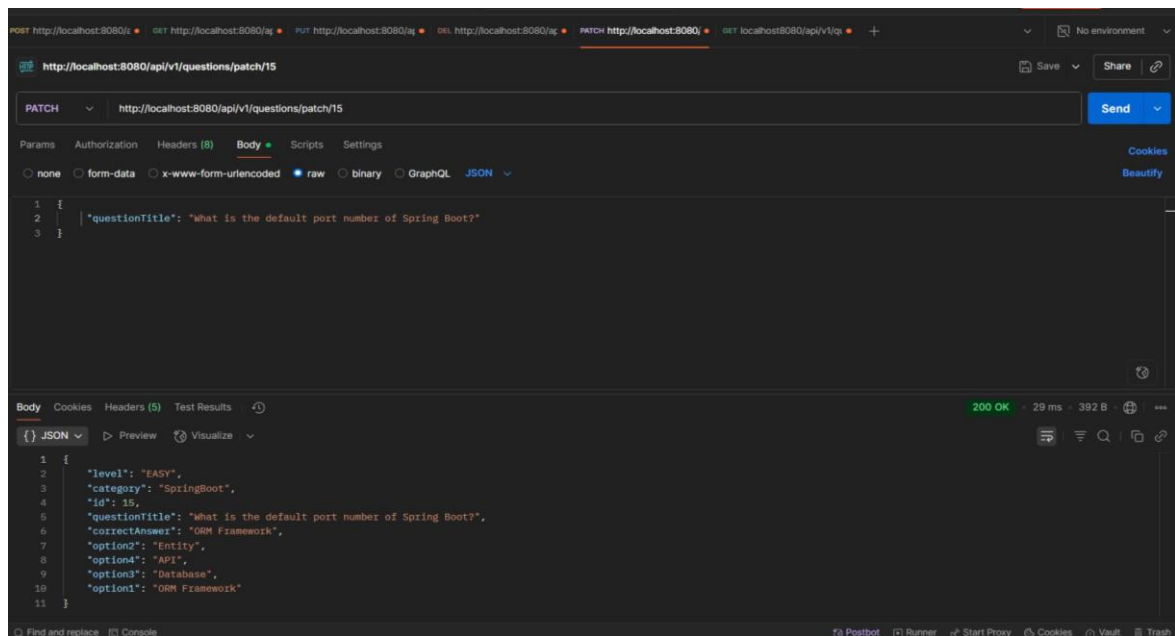
- *@PutMapping("/update/{id}")*



○ *@DeleteMapping("/delete/{id}")*



○ *@PatchMapping("patch/{id}")*



- `@GetMapping("getQuestion/{id}")`

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8080/api/v1/questions/getQuestion/15`
- Method:** GET
- Response Status:** 200 OK
- Response Time:** 19 ms
- Response Size:** 392 B
- Response Body (JSON):**

```
1 {
2   "level": "EASY",
3   "category": "SpringBoot",
4   "id": 15,
5   "questionTitle": "What is the default port number of Spring Boot?",
6   "correctAnswer": "ORM Framework",
7   "option2": "Entity",
8   "option4": "API",
9   "option3": "Database",
10  "option1": "ORM Framework"
11 }
```

2. Testing the Endpoints of QuizController

- *@PostMapping("/create")*

The screenshot shows a Postman interface for a POST request to `http://localhost:8080/api/v1/quiz/create?category=Java&level=Easy&title=Quiz on JAVA`. The request is successful, returning a 200 OK status with a response time of 228 ms and a body size of 2.38 KB. The response body is a JSON object:

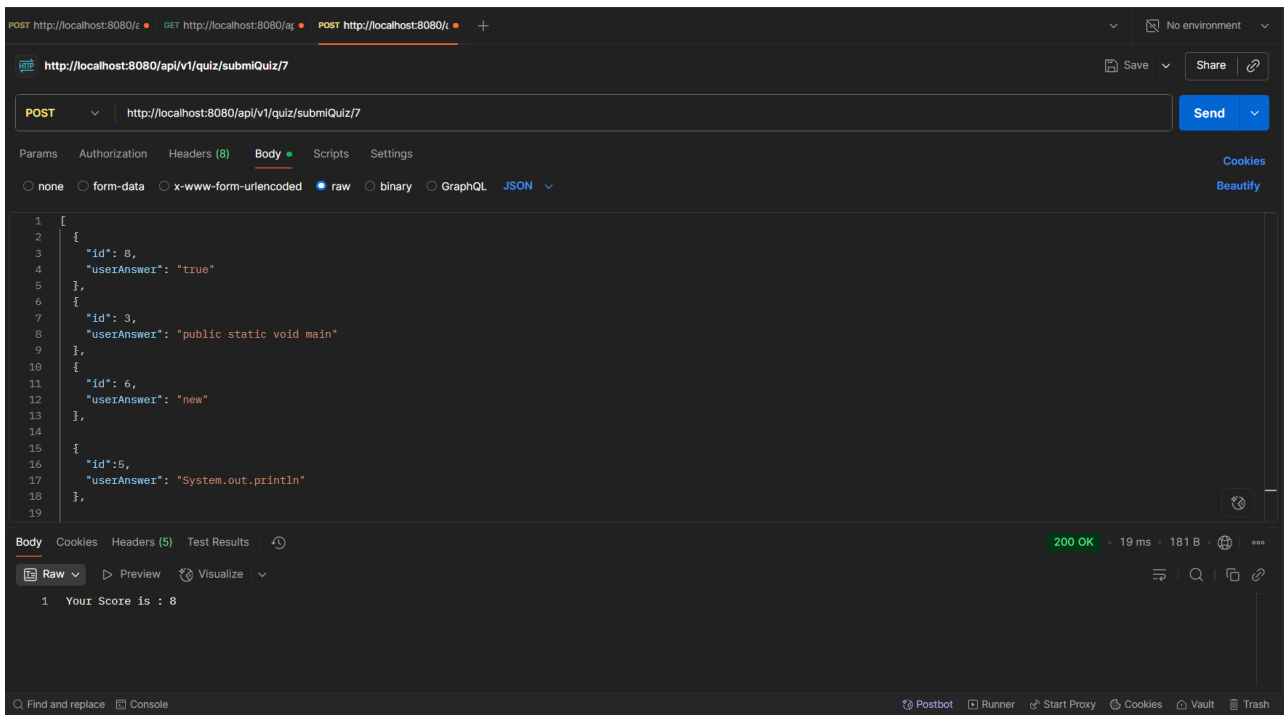
```
{
  "id": 7,
  "questions": [
    {
      "level": "EASY",
      "category": "JAVA",
      "id": 8,
      "questionTitle": "What is the boolean value for true in Java?",
      "correctAnswer": "true",
      "option2": "1",
      "option4": "on",
      "option3": "true",
      "option1": "yes"
    },
    {
      "level": "EASY",
      "category": "JAVA",
      "id": 9,
      "questionTitle": "What is the correct main method signature in Java?",
      "correctAnswer": "public static void main()",
      "option2": "main void public static",
      "option3": "void static public main",
      "option1": "public void static main"
    }
  ]
}
```

- *@GetMapping("/getQuizByID/{id}")*

The screenshot shows a Postman interface for a GET request to `http://localhost:8080/api/v1/quiz/getQuizByID/7`. The request is successful, returning a 200 OK status with a response time of 48 ms and a body size of 1.75 KB. The response body is a JSON array of quiz questions:

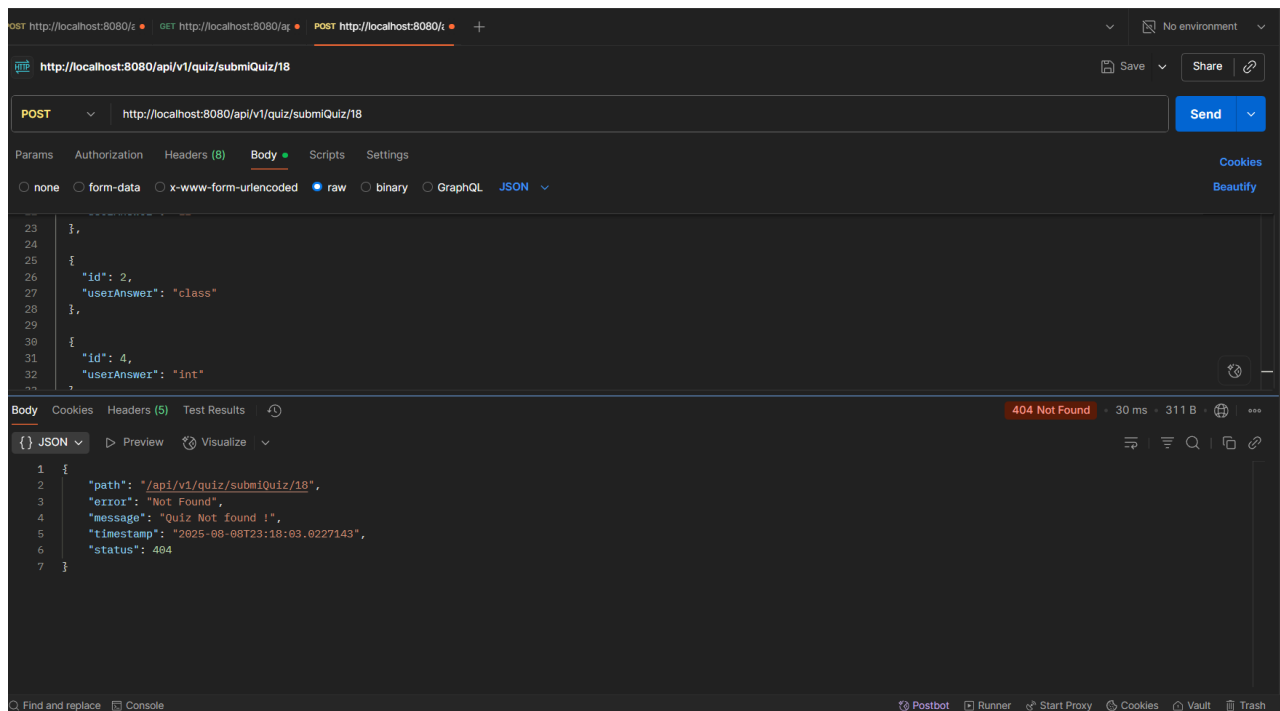
```
[
  {
    "id": 8,
    "questionTitle": "What is the boolean value for true in Java?",
    "option1": "yes",
    "option2": "1",
    "option3": "true",
    "option4": "on"
  },
  {
    "id": 3,
    "questionTitle": "What is the correct main method signature in Java?",
    "option1": "public static void main",
    "option2": "main void public static",
    "option3": "void static public main",
    "option4": "public void static main"
  },
  {
    "id": 6,
    "questionTitle": "Which keyword is used to create an object in Java?",
    "option1": "create",
    "option2": "new",
    "option3": "make",
    "option4": "object"
  }
]
```

- `@PostMapping("/submiQuiz/{id}")`



3. Screenshots of Custom exceptions

- `QuizNotFoundException`



- QuestionNotFoundException

