

Quizz project:-

Implementing questions:-

addNewQuestion:-

HTTP <http://localhost:8080/addNewquestion> Save

POST <http://localhost:8080/addNewquestion> Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary **JSON** Beautify

```
5  "opt4": "implements",
6  "opt4": "super",
7  "correctAnswer": "extends",
8  "level": "EASY",
9  "category": "java"
10 }
11
```

Body Cookies Headers (5) Test Results 200 OK 297 ms 368 B Save Response

Pretty Raw Preview Visualize **JSON** Search

```
1 {
2   "id": 1,
3   "questionText": "Which keyword is used to inherit a class in Java?",
4   "opt1": "extends",
5   "opt2": "implements",
6   "opt3": "inherits",
7   "opt4": "super"
8 }
```

getAllQuestions:-

HTTP <http://localhost:8080/getAllQuestions> Save

GET <http://localhost:8080/getAllQuestions> Send

Params Authorization **Headers (8)** **Body** Pre-request Script Tests Settings Cookies

Headers 8 hidden

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (5) Test Results 200 OK 1341 ms 684 B Save Response

Pretty Raw Preview Visualize **JSON** Search

```
1 {
2   "content": [
3     {
4       "id": 1,
5       "questionText": "Which keyword is used to inherit a class in Java?",
6       "opt1": "extends",
7       "opt2": "implements",
8       "opt3": "inherits",
9       "opt4": "super"
10    }
11  ]
12 }
```

getByld implementing with custom exception:--

HTTP <http://localhost:8080/getByld/2> Save

GET <http://localhost:8080/getByld/2> Send

Params Authorization **Headers (8)** Body Pre-request Script Tests Settings Cookies

Headers 8 hidden

	Key	Value	Bulk Edit
	Key	Value	

Body Cookies Headers (5) Test Results 404 Not Found 140 ms 245 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  "message": "question with this id not found2",
3  "status": "questionNotFound"
4
```

getByld;

HTTP <http://localhost:8080/getByld/1> Save

GET <http://localhost:8080/getByld/1> Send

Params Authorization **Headers (8)** Body Pre-request Script Tests Settings Cookies

Headers 8 hidden

	Key	Value	Bulk Edit
	Key	Value	

Body Cookies Headers (5) Test Results 200 OK 137 ms 368 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  "id": 1,
3  "questionText": "Which keyword is used to inherit a class in Java?",
4  "opt1": "extends",
5  "opt2": "implements",
6  "opt3": "inherits",
7
```

updateQuestion:-

HTTP <http://localhost:8080/updateQuestion/1> Save </>

PUT <http://localhost:8080/updateQuestion/1> Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary **JSON** ▼ Beautify

```
5      "opt3": "implements",
6      "opt4": "super",
7      "correctAnswer": "extends",
8      "level": "EASY",
9      "category": "java"
10
11
```

Body Cookies Headers (5) Test Results 200 OK 496 ms 368 B Save Response ▼

Pretty Raw Preview Visualize **JSON** ▼ 🔍

```
1 {
2   "id": 1,
3   "questionText": "Which keyword is used to inherit a class in Java?",
4   "opt1": "extends",
5   "opt2": "implements",
6   "opt3": "inherits",
7   "opt4": "super",
8   "correctAnswer": "extends",
9   "level": "EASY",
10  "category": "java"
11 }
```

deleteQuestion:-

HTTP <http://localhost:8080/deleteQuestion/1> Save

DELETE <http://localhost:8080/deleteQuestion/1> Send ▼

Params Authorization **Headers (8)** Body Pre-request Script Tests Settings Cookies

Headers 8 hidden

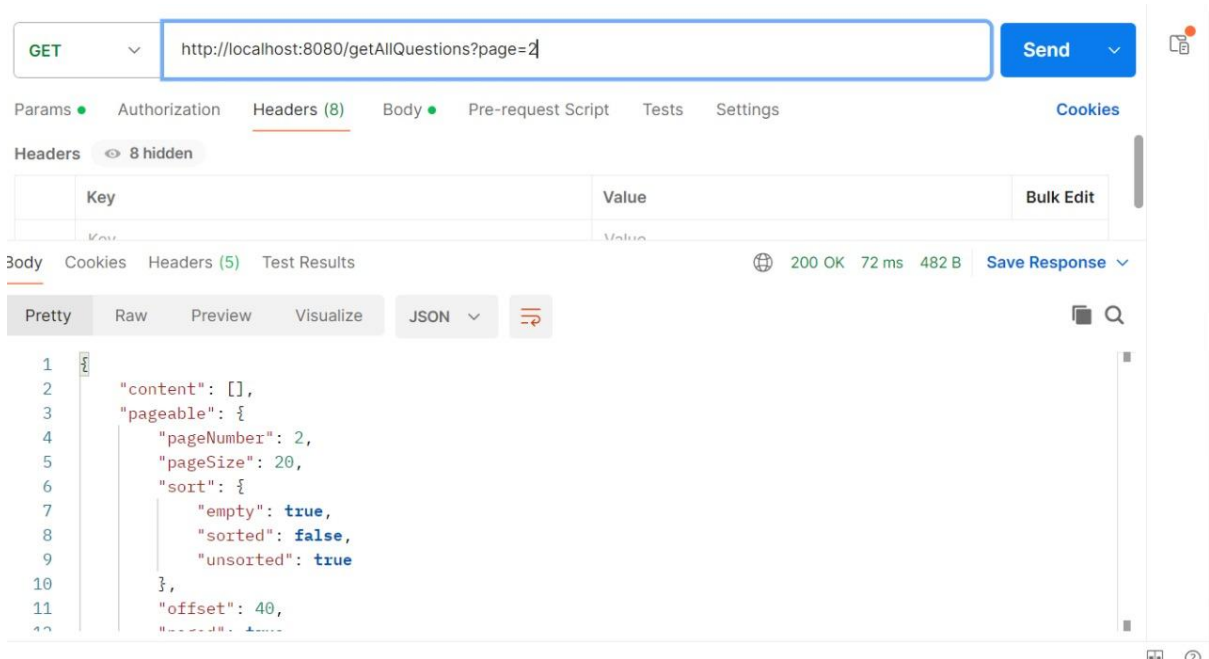
Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (4) Test Results 200 OK 749 ms 123 B Save Response ▼

Pretty Raw Preview Visualize **Text** ▼ 🔍

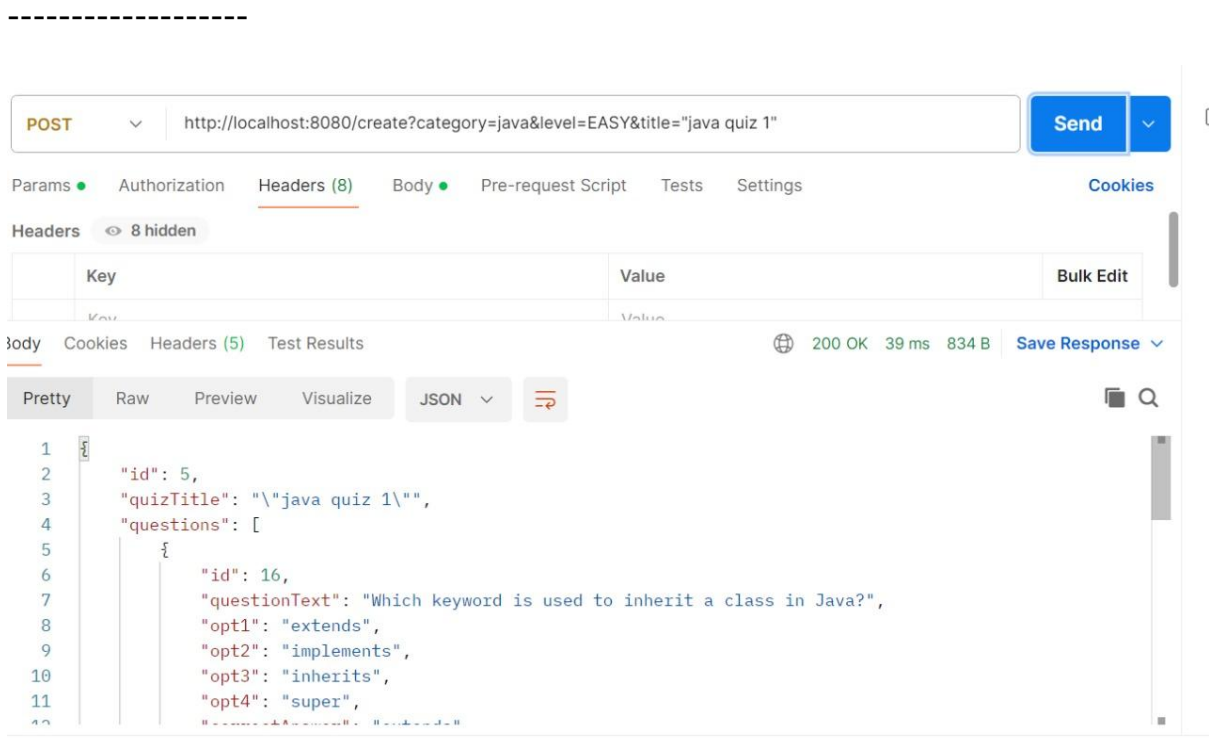
```
1
```

getAll question with implementing pagination:--



Quiz implementation

Create quiz:-



Get Quiz BY id:--

GET http://localhost:8080/getQuizById/2 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (5) Test Results 200 OK 74 ms 602 B Save Response

Pretty Raw Preview Visualize JSON ↻

```

1  [
2    {
3      "id": 14,
4      "opt2": "implements",
5      "opt3": "inherits",
6      "opt4": "super",
7      "questionTitle": "Which keyword is used to inherit a class in Java?",
8      "opt1": "extends"
9    },
10   {
11     "id": 13,
12     "opt1": "extends"
13   }
14 ]

```

Submitting quiz with getting score on console:-

HTTP http://localhost:8080/submitQuiz/1 Save

POST http://localhost:8080/submitQuiz/1 Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary JSON Beautify

```

3    {
4      "id": 15,
5      "userAnswer": "extends"
6    },
7    {
8      "id": 8,
9      "userAnswer": "Paris"
10   }
11 ]

```

Body Cookies Headers (5) Test Results 200 OK 26 ms 165 B Save Response

Pretty Raw Preview Visualize JSON ↻

1 2

Implementing Aop:--

```

1 package com.example.demo.aop;
2
3 import org.aspectj.lang.JoinPoint;
4 import org.aspectj.lang.annotation.Aspect;
5 import org.aspectj.lang.annotation.Before;
6 import org.springframework.stereotype.Component;
7
8 @Aspect
9 @Component
10 public class LoggingAspect {
11
12     @Before("execution(* com.example.demo.service.*(..))")
13     public void logBefore(JoinPoint joinPoint) {
14         System.out.println("AOP BEFORE: Calling method - " + joinPoint.getSignature().getName());
15     }
16 }
17
18

```

Implemented logging:-

```

    @GetMapping("/getQuizByID/{id}")
    public List<QuestionWrapper> getQuizQuestions(@PathVariable Integer id){
        log.info("quiz starting....");
        return quizService.getQuizQuestions(id);
    }

```

Implementing validations:-

```

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long id;
    @NotNull(message="question not be null")
    private String questionText;

    private String opt1;

```