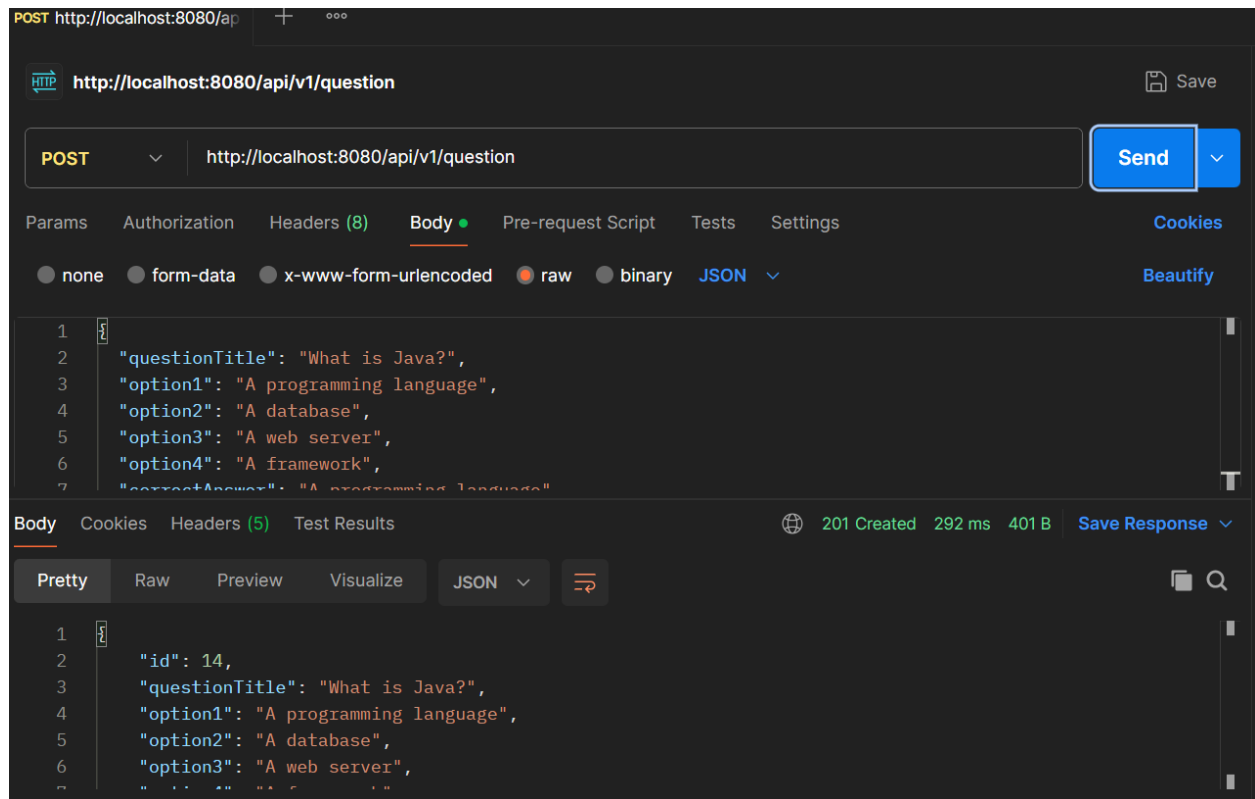
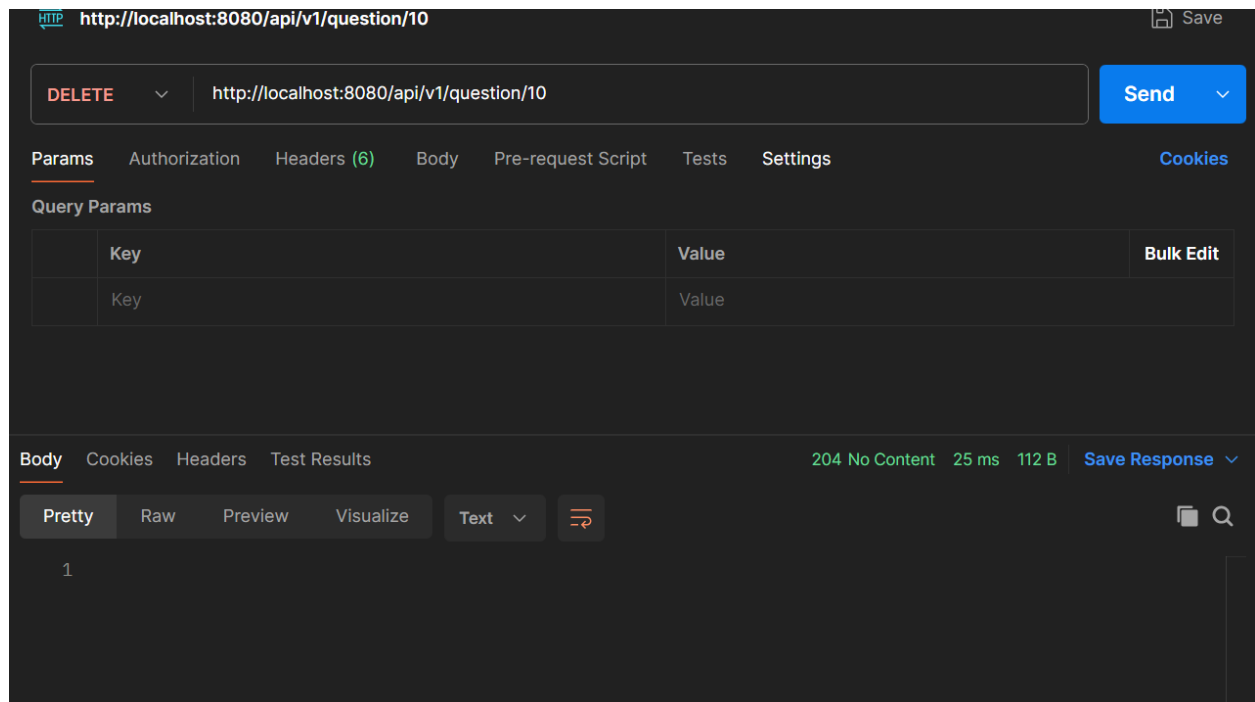


QUIZ APPLICATION



Creating a question using the post request.



Deleting a question by ID.

QUIZ APPLICATION

GET <http://localhost:8080/api/v1/question?page=0&size=10> Send

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

Query Params

Key	Value	Bulk Edit
<input checked="" type="checkbox"/> page	0	
<input checked="" type="checkbox"/> size	10	

Body Cookies Headers (5) Test Results 200 OK 138 ms 2.75 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "content": [
3     {
4       "id": 3,
5       "questionTitle": "What is the correct main method signature in Java?",
6       "option1": "public static void main",
7       "option2": "public static void main",
8       "option3": "public static void main",
9       "option4": "public static void main",
10      "correctAnswer": "public static void main"
11    }
12  ]
13 }
```

Get all Questions and Pagination(GET)

POST <http://localhost:8080/api/v1/question> Send

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

none form-data x-www-form-urlencoded raw binary JSON

```
1 {
2   "questionTitle": "",
3   "option1": "A programming language",
4   "option2": "A database",
5   "option3": "A web server",
6   "option4": "A framework",
7   "correctAnswer": "A programming language"
8 }
```

Body Cookies Headers (4) Test Results 400 Bad Request 63 ms 6.17 KB Save Response

Pretty Raw Preview Visualize JSON

```
27   }
28   ],
29   "defaultMessage": "must not be blank",
30   "bindingFailure": false,
31   "code": "NotBlank"
32 }
```

Validation: Question title must not be blank

QUIZ APPLICATION

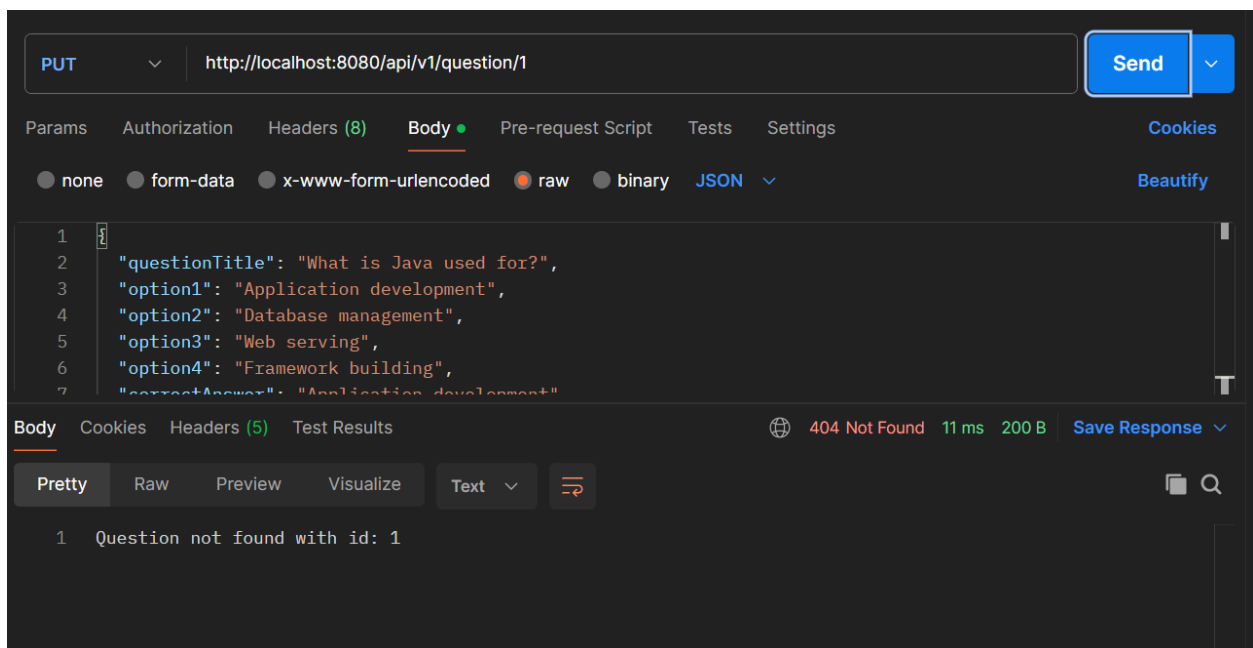
```
Console X
QuizApp - QuizAppApplication (1) [Spring Boot App] D:\sts-4.31.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\java.exe (Aug 9, 2025, 12:33:14 AM elapsed: 0:01:52) [pid: 833]

alter table quiz_questions
add constraint FK739ms2qcoh7s21k82w3bup29i
foreign key (question_id)
references question (id)

Hibernate:
alter table quiz_questions
add constraint FK739ms2qcoh7s21k82w3bup29i
foreign key (question_id)
references question (id)

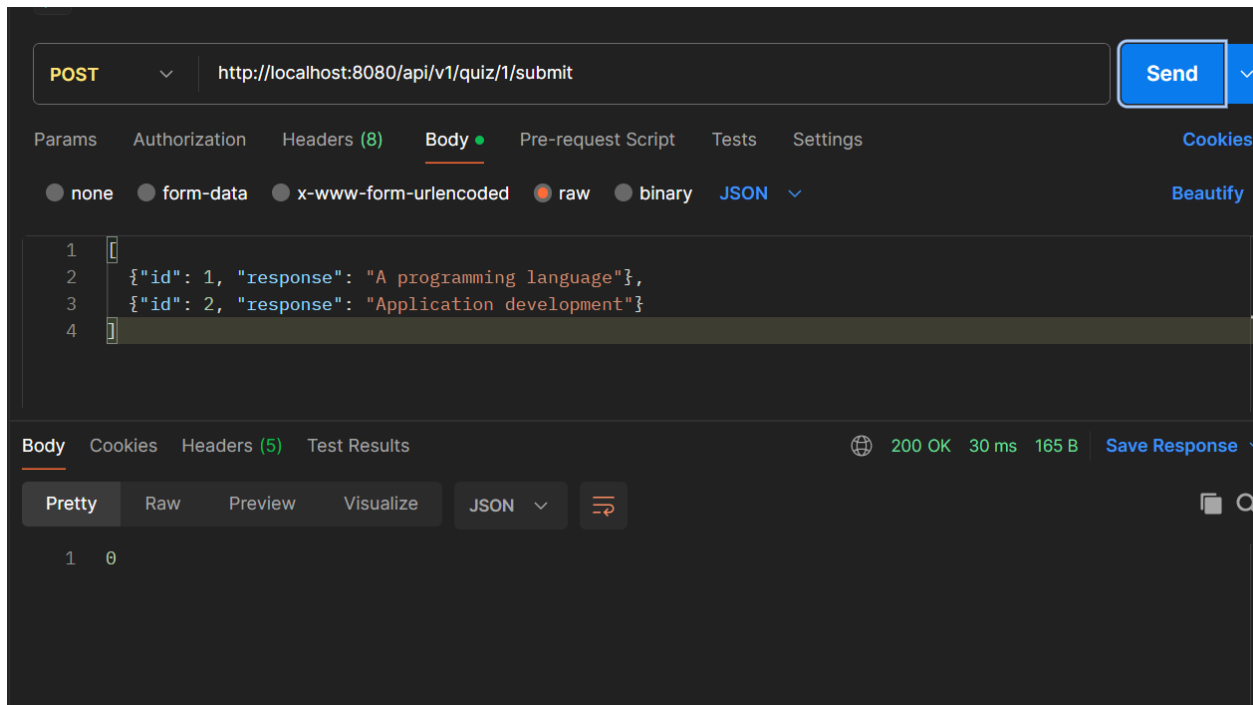
2025-08-09T00:33:23.232+05:30 INFO 8336 --- [QuizApp] [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persisten
2025-08-09T00:33:23.492+05:30 INFO 8336 --- [QuizApp] [ restartedMain] o.s.d.j.r.query.QueryEnhancerFactory : Hibernate is in classpath; If applicable, HQL pars
2025-08-09T00:33:23.712+05:30 WARN 8336 --- [QuizApp] [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. The
2025-08-09T00:33:24.248+05:30 INFO 8336 --- [QuizApp] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2025-08-09T00:33:24.292+05:30 INFO 8336 --- [QuizApp] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context pa
2025-08-09T00:33:24.303+05:30 INFO 8336 --- [QuizApp] [ restartedMain] c.w.b.quizmonorepo.QuizAppApplication : Started QuizAppApplication in 5.02 seconds (proces
2025-08-09T00:33:30.010+05:30 INFO 8336 --- [QuizApp] [nio-8080-exec-2] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherS
2025-08-09T00:33:30.011+05:30 INFO 8336 --- [QuizApp] [nio-8080-exec-2] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2025-08-09T00:33:30.130+05:30 INFO 8336 --- [QuizApp] [nio-8080-exec-2] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
2025-08-09T00:33:30.162+05:30 DEBUG 8336 --- [QuizApp] [nio-8080-exec-2] org.hibernate.SQL : Calling method: addQuestion
:
insert
into
question
(category, correct_answer, difficulty_level, option1, option2, option3, option4, question_title)
values
(?, ?, ?, ?, ?, ?, ?, ?)
Hibernate:
insert
into
question
(category, correct_answer, difficulty_level, option1, option2, option3, option4, question_title)
values
(?, ?, ?, ?, ?, ?, ?, ?)
```

AOP Logging->Calling method: addQuestion

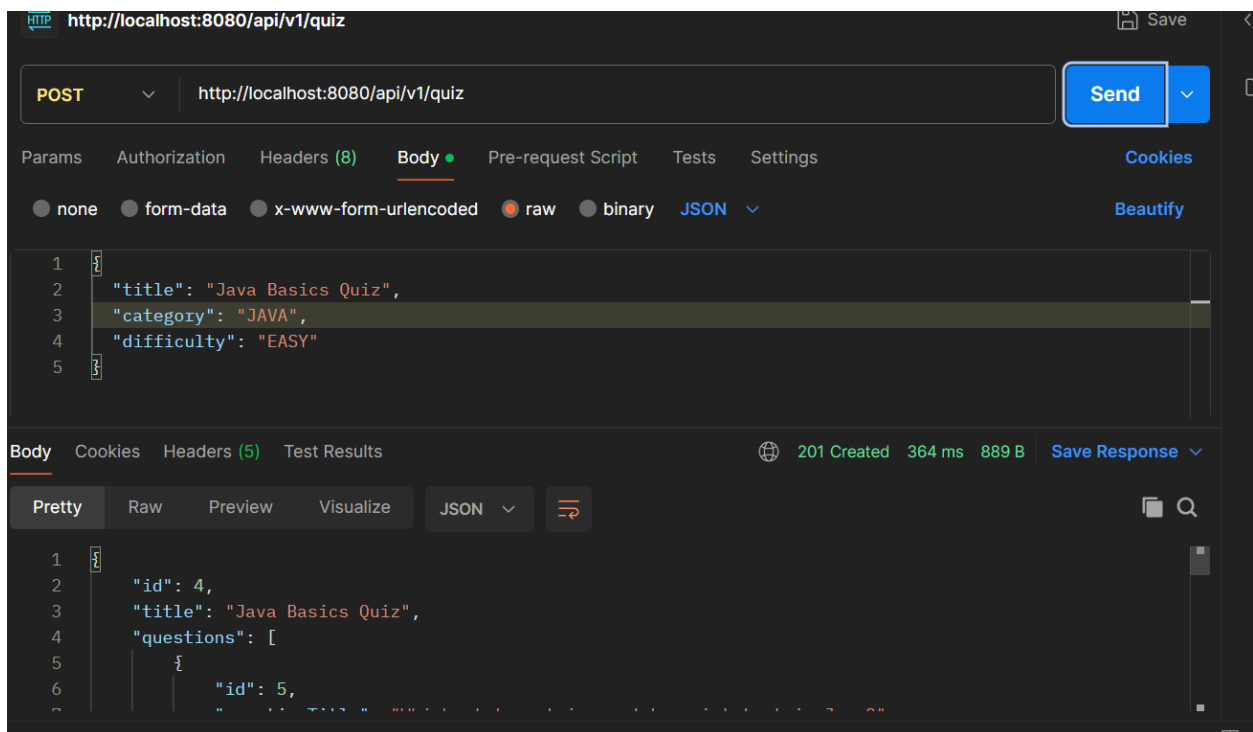


Custom Exception Handling :Here we are trying to update the question with id that does not exists so we are handling that with custom exception

QUIZ APPLICATION



Submit request(POST) and response is an integer score.



Creating the Quiz method via post request.