

1.SAVEQUESTIONS

Workspaces ▾ More ▾

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< /t/{li} POST save POST Nev GET getQt > + ▾ No environment ▾

QuizApp / saveQuestions Save ▾ Share

POST ▾ http://localhost:8080/saveQuestions Send ▾

Params Auth Headers (8) Body • Scripts Settings Cookies Beautify

raw ▾ JSON ▾

```
1 {
2   "questionTitle": "What is Java?",
3   "option1": "Programming Language",
4   "option2": "Coffee",
5   "option3": "Animal",
6   "option4": "Car",
7   "correctAnswer": "Programming Language",
8   "difficultyLevel": "EASY",
9   "category": "JAVA"
10 }
11
```

Body ▾ ⌚ 200 OK • 122 ms • 374 B • 🌐 | 📄 ⋮

{ } JSON ▾ ▶ Preview 🔗 Visualize ▾

```
1 {
2   "id": 11,
3   "questionTitle": "What is Java?",
4   "option1": "Programming Language",
5   "option2": "Coffee",
6   "option3": "Animal",
7   "option4": "Car",
8   "correctAnswer": "Programming Language",
9   "difficultyLevel": "EASY",
10  "category": "JAVA"
11 }
```

🔍 ⌕ 📄 Console 🔄 Postbot ▶ Runner 🔄 🌐 Vault 🗑️ 🏠 ?

2.GETQUESTIONSBYID

Workspaces ▾ More ▾

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< st/{id} POST save POST Nev GET getQl > + ▾ No environment ▾

QuizApp / getQuestionsById Save ▾ Share 🔗

GET ▾ http://localhost:8080/getQuestionsById/2 Send ▾

Params Auth Headers (6) Body Scripts Settings Cookies </>

Query Params

	Key	Value	Descri...	...	Bulk Edit
--	-----	-------	-----------	-----	-----------

Body ▾ 🕒 200 OK · 16 ms · 420 B · 🌐 📄 ... ⓘ

{ } JSON ▾ ▶ Preview 🔗 Visualize ▾ 📄 📄 🔍 📄 🔗

```
1 {
2   "id": 2,
3   "questionTitle": "What is the correct main method signature in
4     Java?",
5   "option1": "A framework",
6   "option2": "A server",
7   "option3": "A DB",
8   "option4": "All the Above",
9   "correctAnswer": "public static void main",
10  "difficultyLevel": "HARD",
11  "category": "SPRINGBOOT"
}
```

🔍 📄 Console Postbot Runner 🔄 🌐 Vault 🗑️ 🧩 ?

3.GETALLQUESTIONS

Workspaces ▾ More ▾

av: POST Nev GET getQl GET getAll > + ▾ No environment ▾

QuizApp / getAllQuestions Save ▾ Share

GET ▾ http://localhost:8080/getAllQuestions Send ▾

Params Auth Headers (6) Body Scripts Settings Cookies

Body ▾ 200 OK • 180 ms • 2.37 KB • e.g. ...

{ } JSON ▾ Preview Visualize ▾

```
1  [
2    {
3      "id": 2,
4      "questionTitle": "What is the correct main method
5        signature in Java?",
6      "option1": "A framework",
7      "option2": "A server",
8      "option3": "A DB",
9      "option4": "All the Above",
10     "correctAnswer": "public static void main",
11     "difficultyLevel": "HARD",
12     "category": "SPRINGBOOT"
13   },
14   {
15     "id": 3,
16     "questionTitle": "Which keyword is used to declare an
17       integer variable in Java?",
18     "option1": "integer",
19     "option2": "number",
20     "option3": "int",
21     "option4": "num",
22     "correctAnswer": "int".
23   }
24 ]
```

Console Postbot Runner Vault ?

4.UPDATEQUESTION

The screenshot shows the Postman application interface. At the top, the 'Workspaces' and 'More' dropdowns are visible. The main workspace is titled 'QuizApp / updateQuestion'. The request method is set to 'PATCH' and the URL is 'http://localhost:8080/updateQuestion/2'. The 'Body' tab is selected, showing a JSON payload. The response status is '200 OK' with a response time of 20 ms and a size of 420 B. The response body is displayed in JSON format.

Workspaces ▾ More ▾

GET getQl GET getAll PATCH upc

QuizApp / updateQuestion Save ▾ Share

PATCH http://localhost:8080/updateQuestion/2 Send ▾

Params Auth Headers (8) Body • Scripts Settings

raw ▾ JSON ▾

```
3  "difficultyLevel": "HARD"
```

Body ▾ 200 OK • 20 ms • 420 B •

{ } JSON ▾ Preview Visualize ▾

```
1  {
2    "id": 2,
3    "questionTitle": "What is the correct main method signature in
4      Java?",
5    "option1": "A framework",
6    "option2": "A server",
7    "option3": "A DB",
8    "option4": "All the Above",
9    "correctAnswer": "public static void main",
10   "difficultyLevel": "HARD",
11   "category": "SPRINGBOOT"
}
```

Console Postbot Runner Vault

5.DELETEQUESTIONBYID

Workspaces ▾ More ▾

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—

< GET getAll PATCH upc **DEL New** > + ▾

No environment ▾

QuizApp / **New Request**

Save ▾

Share

🔗

DELETE ▾

http://localhost:8080/deleteQuestionById/2

Send ▾

Params

Auth

Headers (6)

Body

Scripts

Settings

Cookies

Query Params

	Key	Value	Descrip...	⋮ Bulk Edit
	Key	Value	Description	

Body ▾ 🕒

200 OK • 81 ms • 184 B • 🌐 📄 ⋮

📄 Raw ▾

▶ Preview

🔗 Visualize ▾

🔍

📄

🔗

```
1 Deleted Successfully
```

🔍 Console

🔗 Postbot

▶ Runner

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🏠 Vault

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?

6.CREATE QUIZ

Workspaces ▾ More ▾

POST create GET http: GET get/{id} POST > + ▾ No environment ▾

QuizApp / create Save ▾ Share

POST ▾ http://localhost:8080/quiz/create?category=JAVA&lev... Send ▾

Params • Auth Headers (8) Body • Scripts Settings Cookies

Body ▾ 200 OK • 200 ms • 1.33 KB • e.g. ...

{ } JSON ▾ Preview Visualize ▾

```
1 {
2   "id": 2,
3   "title": "JavaBasicsQuiz\n",
4   "questions": [
5     {
6       "id": 6,
7       "questionTitle": "Which keyword is used for
8         inheritance in Java?",
9       "option1": "implements",
10      "option2": "inherits",
11      "option3": "extends",
12      "option4": "includes",
13      "correctAnswer": "extends",
14      "difficultyLevel": "EASY",
15      "category": "JAVA"
16    },
17    {
18      "id": 10,
19      "questionTitle": "Which keyword is used to write a
20        loop that repeats a fixed number of times?",
21      "option1": "loop",
22      "option2": "iterate".
```

Console Postbot Runner Vault ?

7.GETQUESTIONSBYQUIZ

Workspaces ▾ More ▾

POST crea GET http: GET get/{ POST > + ▾ No environment ▾

QuizApp / get/{id}/questions Save ▾ Share

GET ▾ http://localhost:8080/quiz/get/1/questions Send ▾

Params Auth Headers (6) Body Scripts Settings Cookies

Body ▾ 200 OK • 52 ms • 932 B • e.g. ...

{ } JSON ▾ Preview Visualize ▾

```
1 [
2   {
3     "id": 4,
4     "questionTitle": "Which statement is used to print text in
5       Java?",
6     "option1": "echo",
7     "option2": "System.out.print",
8     "option3": "System.out.println",
9     "option4": "print()"
10  },
11  {
12    "id": 7,
13    "questionTitle": "What is the boolean value for true in
14      Java?",
15    "option1": "yes",
16    "option2": "1",
17    "option3": "true",
18    "option4": "on"
19  },
20  {
21    "id": 5,
22    "questionTitle": "Which keyword is used to create an
```

Console Postbot Runner Vault ?

8.CALCULATE
SCOREBYSUBMIT

Workspaces ▾ More ▾

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< POST cal/1 GET getQl GET getAll PATCH > + ▾ No environment ▾

QuizApp / cal/1/submit Save ▾ Share 🔗

POST ▾ http://localhost:8080/quiz/cal/1/submit Send ▾

Params Auth Headers (8) Body • Scripts Settings

raw ▾ JSON ▾ Beautify 🔍

Body ▾ 🕒 200 OK • 23 ms • 165 B • 🌐 | 📄 ⋮ ⓘ

{ } JSON ▾ ▶ Preview 🔄 Visualize ▾

1 0

QUESTION NOT FOUND

```
qa-w.uttam-:
X Exception in Method: getQuestionById | Exception: Question with ID 2 not found
2025-08-08T22:01:43.793+05:30 WARN 5880 --- [Quiz-App-Monorepo] [nio-8080-exec-6] .m.m.a.ExceptionHandlerExceptionHandlerResolver : Resolved [com.wipro.uttam.quizappmonorepo.exceptions.Questi
o Before Method: getQuestionById
Hibernate:
select
  q1_0.id,
  q1_0.category,
  q1_0.correct_answer,
  q1_0.difficulty_level,
  q1_0.option1,
  q1_0.option2,
  q1_0.option3,
  q1_0.option4,
  q1_0.question_title
from
  question q1_0
where
  q1_0.id=?
[?] After Method: getQuestionById | Returned: Question(id=3, questionTitle=Which keyword is used to declare an integer variable in Java?, option1=integer, option2=number, option3=int, opt
```

BEFORE METHOD AOP

```
Before Method: deleteQuestion
Hibernate:
select
  count(*)
from
  question q1_0
where
  q1_0.id=?
X Exception in Method: deleteQuestion | Exception: Cannot delete. Question with ID 3 does not exist
2025-08-08T09:25:20.409+05:30 WARN 14744 --- [Quiz-App-Monorepo] [nio-8080-exec-1] .m.m.a.ExceptionHandlerExceptionHandlerResolver : Resolved [com.wipro.uttam.quizappmonorepo.exceptions.Questi
```

Swagger.ui

The screenshot displays the Swagger UI interface for a REST API. The browser address bar shows the URL `localhost:8080/swagger-ui/index.html`. The interface lists two controllers: **question-controller** and **quiz-controller**, each with its respective endpoints and HTTP methods.

Controller	Method	Endpoint
question-controller	PUT	/api/v1/question/updateQuestion/{id}
	POST	/api/v1/question/addQuestion
	GET	/api/v1/question/getQuestionById/{id}
	GET	/api/v1/question/getAllQuestions
	DELETE	/api/v1/question/deleteQuestion/{id}
quiz-controller	POST	/api/v1/quiz/submitQuiz/{id}
	POST	/api/v1/quiz/createQuiz
	GET	/api/v1/quiz/getQuizById/{id}

Below the endpoints, the **Schemas** section lists the data models used in the API:

- Question > Expand all object
- Response > Expand all object
- Quiz > Expand all object
- QuestionWrapper > Expand all object

