

Online Quiz Portal Using REST APIs

User Register api

Overview

POST http://lo

POST http://lo

POST http://lo

POST http://lo

GET http://local

POST http://lo

POST http://lo

+

...

No Environment

▼

http://localhost:8080/mcq/userRegister

Save

▼

Send

▼

POST

▼

http://localhost:8080/mcq/userRegister

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

▼

Beautify

1

2

3

4

5

1

2

3

4

5

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 480 ms

Size: 174 B

Save Response

▼

Pretty

Raw

Preview

Visualize

Text

▼

1

registered

Runner

Trash

User Login api

Overview | POST http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | GET http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | POST http://localhost:8080/mcq/userLogin | + ... | No Environment

http://localhost:8080/mcq/userLogin Save Send

POST http://localhost:8080/mcq/userLogin Send

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Beautify

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

```
1 {
2   "emailid": "ravi@test.com",
3   "password": "rakesh"
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 32 ms Size: 180 B Save Response

Pretty Raw Preview Visualize Text Search

```
1 login successfull
```

Admin Login api

Overview | POST http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | GET http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | POST http://localhost:8080/mcq/adminLogin | + ... | No Environment

http://localhost:8080/mcq/adminLogin Save Send

POST http://localhost:8080/mcq/adminLogin Send

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies Beautify

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

```
1 {
2   "username": "admin1",
3   "password": "admin1"
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 40 ms Size: 177 B Save Response

Pretty Raw Preview Visualize Text Search

```
1 welcome admin
```

When invalid credentials entered

Overview POST http POST http POST http POST http GET http/ POST http POST http POST http POST http + ... No Environment

http://localhost:8080/mcq/adminLogin Save

POST http://localhost:8080/mcq/adminLogin Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

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

```
1 {
2   "username": "admin",
3   "password": "admin"
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 42 ms Size: 183 B Save Response

Pretty Raw Preview Visualize Text invalid Credentials

< rview POST htt POST htt POST htt POST htt GET http/ POST htt POST htt POST htt POST htt > + ... No Environment

http://localhost:8080/mcq/userLogin Save

POST http://localhost:8080/mcq/userLogin Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

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

```
1 {
2   "emailid": "nir@test.com",
3   "password": "nirmal"
4 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 22 ms Size: 178 B Save Response

Pretty Raw Preview Visualize Text User not found

addQuestion api

HTTP client interface showing a POST request to `http://localhost:8080/mcq/addQuestions`. The request body is a JSON object:

```
{  "quest": "Who developed Python Programming Language?",  "opt1": "Wick van Rossum",  "opt2": "Rasmus Lerdorf",  "opt3": "Guido van Rossum",  "opt4": "Niene Stom",  "ans": 3}
```

The response status is 200 OK, Time: 81 ms, Size: 178 B. The response body is:

```
1 question added
```

Addquiz api

HTTP client interface showing a POST request to `http://localhost:8080/mcq/addQuiz`. The request body is a JSON object:

```
{  "subject": "python",  "title": "Basics of python",  "quizno": 2,  "qid": {    "qid": 3  }}
```

The response status is 200 OK, Time: 53 ms, Size: 174 B. The response body is:

```
1 quiz added
```

Statistics of users , questions and quiz

http://localhost:8080/mcq/quizinfo

Save

GET http://localhost:8080/mcq/quizinfo Send

Params Authorization Headers (10) Body ● Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 190 ms Size: 242 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "users": 3,
3   "quiz": [
4     [
5       "Basics of Java",
6       1
7     ],
8     [
9       "Basics of python",
10      1
11    ]
12  ],
13  "questions": 3
14 }
```

Scores in rank api for admin

< http:// POST htt POST htt POST htt POST htt POST htt POST htt POST htt GET htt GET htt > + ... No Environment

http://localhost:8080/mcq/adminLogin

Save

GET http://localhost:8080/mcq/getAdminResult Send

Params ● Authorization Headers (10) Body ● Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/> email	rakesh@yahoo.com			
<input checked="" type="checkbox"/> feedback	feedback2			
Key	Value	Description		

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 146 ms Size: 277 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "email": "nirmal@test.com",
4     "marks": 2
5   },
6   {
7     "email": "rakesh@test.com",
8     "marks": 1
9   },
10  {
11    "email": "ravi@test.com",
12    "marks": 0
13  }
14 }
```

View quizzes created by admin to users

httt POST httt POST httt POST httt POST httt POST httt POST httt GET httt GET httt GET http://

http://localhost:8080/mcq/viewQuiz

Save Send

GET http://localhost:8080/mcq/viewQuiz

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	email	rakesh@yahoo.com			
<input type="checkbox"/>	feedback	feedback2			
	Key	Value	Description		

Body Cookies Headers (5) Test Results Status: 200 OK Time: 34 ms Size: 209 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [
2   [
3     "Basics of Java",
4     1
5   ],
6   [
7     "Basics of python",
8     1
9   ]
10 ]
```

Take quiz api

httt POST httt POST httt POST httt POST httt POST httt GET httt GET httt POST httt POST httt

http://localhost:8080/mcq/takeTest

Save Send

POST http://localhost:8080/mcq/takeTest

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Beautify

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

```
1 {
2   ... "userid": 5
3   ... "uid": 5
4   ...
5   ... "quizid": {
6     ... "qid": 7
7   },
8   ... "questionid": {
9     ... "qid": "3"
10  },
11  ... "testans": "3"
12 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 61 ms Size: 172 B Save Response

Pretty Raw Preview Visualize Text

```
1 submitted
```

Result and position

http://localhost:8080/mcq/getresult Save Edit

GET ▼ http://localhost:8080/mcq/getresult Send ▼

Params ● Authorization Headers (10) Body ● Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	email	rakesh@yahoo.com			
<input type="checkbox"/>	feedback	feedback2			
	Key	Value	Description		

Body Cookies Headers (5) Test Results Status: 200 OK Time: 829 ms Size: 277 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 [
2   {
3     "email": "nirmal@test.com",
4     "marks": 2
5   },
6   {
7     "email": "rakesh@test.com",
8     "marks": 1
9   },
10  {
11    "email": "ravi@test.com",
12    "marks": 1
13  }
14 ]
```

Database :

```
mysql> select * from admin;
+----+-----+-----+
| id | password | username |
+----+-----+-----+
| 1  | admin1   | admin1   |
+----+-----+-----+
1 row in set (0.01 sec)

mysql> select * from user;
+----+-----+-----+-----+-----+
| uid | emailid          | password | phno   |
+----+-----+-----+-----+-----+
| 1  | nirmal@test.com | nirmal   | 9110206098 |
| 2  | rakesh@test.com | rakesh   | 9110306099 |
| 5  | ravi@test.com   | rakesh   | 9110306099 |
+----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

Question

```
mysql> select * from question;
+----+-----+-----+-----+-----+-----+
| qid | ans | opt1 | opt2 | opt3 | opt4 | quest |
+----+-----+-----+-----+-----+-----+
| 1  | 1  | We can have static block in a class. | The static block in a class is executed every time an object of class is created. | We can have static method implementations in interface. | We can define static block inside a method. | What are the valid statements for static keyword in Java? |
| 2  | 4  | array | String | null | goto | Which of the below are reserved keyword in Java? |
| 3  | 3  | Mick van Rossum | Rossum Iordorf | Guido van Rossum | None of them | Who developed Python Programming Language? |
+----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

```
mysql> select * from quiz;
+----+-----+-----+-----+-----+
| quid | quizno | subject | title          | qid_qid |
+----+-----+-----+-----+-----+
| 1  | 1  | Java | Basics of Java | 1 |
| 4  | 1  | Java | Basics of Java | 2 |
| 7  | 2  | python | Basics of python | 3 |
+----+-----+-----+-----+-----+
3 rows in set (0.02 sec)
```

```
mysql> select * from test;
+----+-----+-----+-----+-----+-----+
| tid | testans | questionid_qid | quizid_quid | userid_uid |
+----+-----+-----+-----+-----+-----+
| 1  | 4  | 2  | 1  | 1 |
| 2  | 1  | 1  | 1  | 1 |
| 3  | 1  | 1  | 1  | 2 |
| 12 | 3  | 3  | 7  | 5 |
+----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```