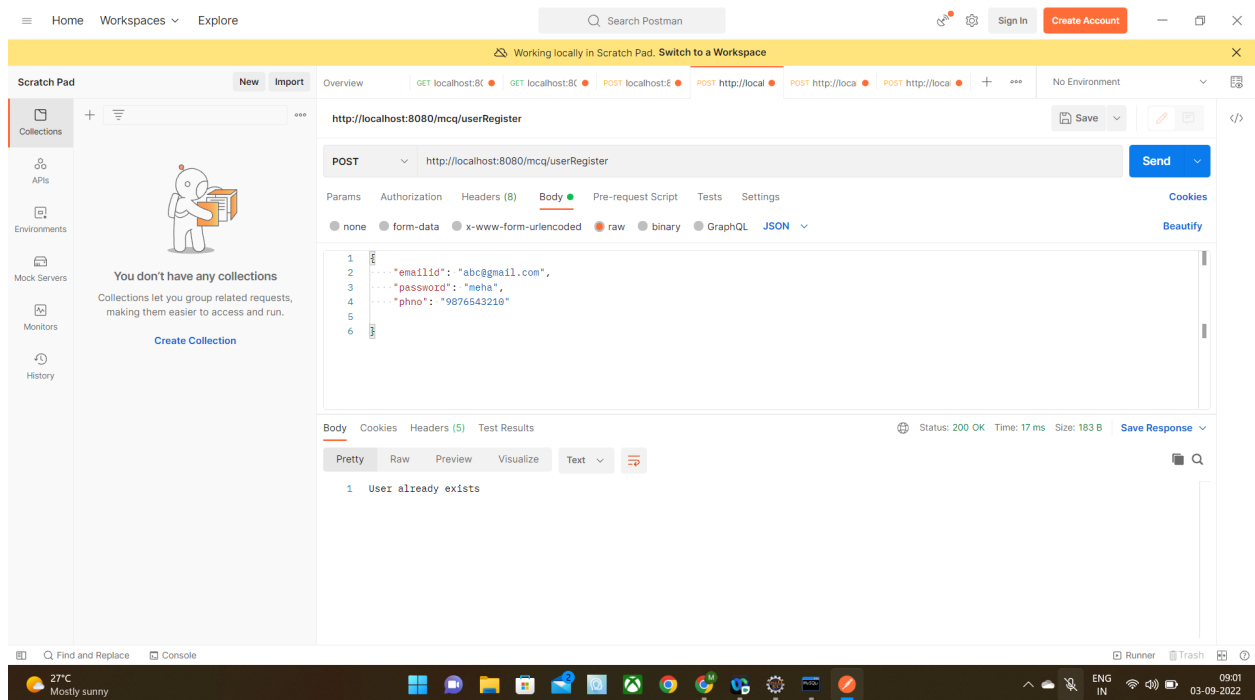
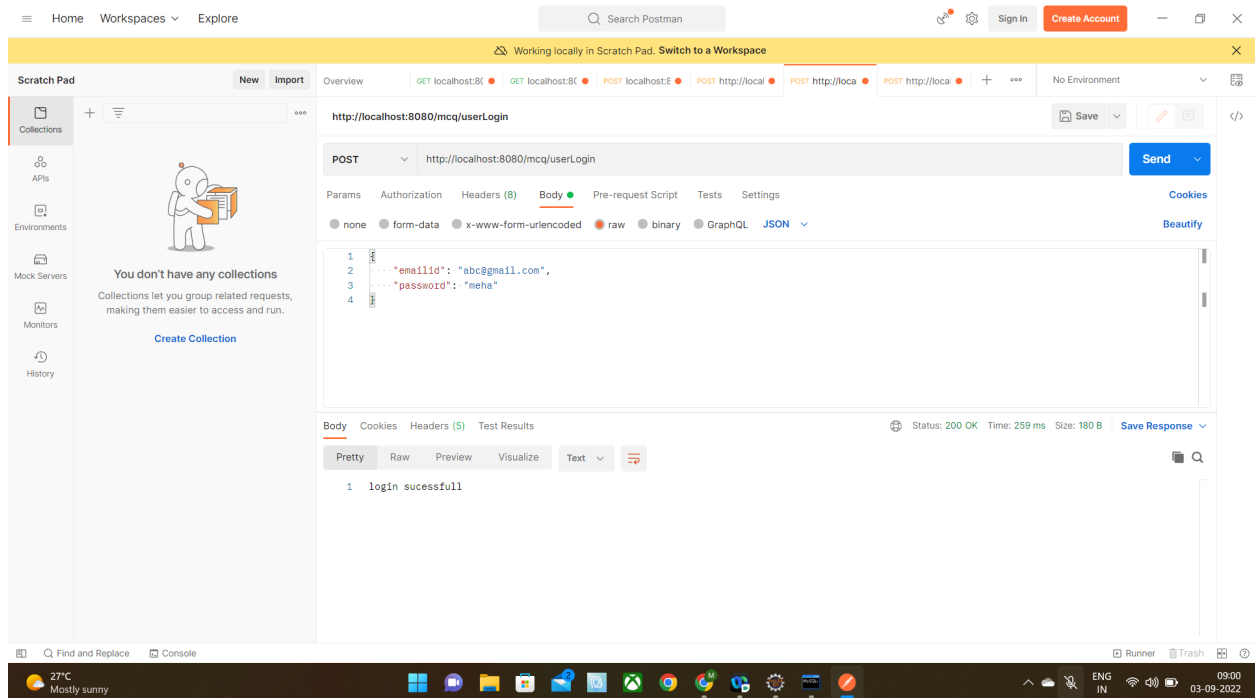


Online Quiz Portal Using REST APIs

User Register api



User Login api



Admin Login api

The screenshot shows the Postman interface with a POST request to `http://localhost:8080/mcq/adminLogin`. The request body is a JSON object: `{ "username": "admin1", "password": "admin1" }`. The response status is 200 OK, and the response body is `Welcome admin`.

Scratch Pad: New Import

Working locally in Scratch Pad. Switch to a Workspace

http://localhost:8080/mcq/adminLogin

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

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

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: 62 ms Size: 177 B Save Response

Pretty Raw Preview Visualize Text

```
1 Welcome admin
```

Find and Replace Console

86°F Mostly sunny

Add questions api

The screenshot shows the Postman interface with a POST request to `http://localhost:8080/mcq/addQuestions`. The request body is a JSON object: `{ "quest": "Who among the following wrote Sanskrit grammar?", "opt1": "Kalidasa", "opt2": "Charak", "opt3": "Panini", "opt4": "Aiyabhath", "ans": 3 }`. The response status is 200 OK, and the response body is `question added`.

Scratch Pad: New Import

Working locally in Scratch Pad. Switch to a Workspace

http://localhost:8080/mcq/addQuestions

POST http://localhost:8080/mcq/addQuestions

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

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

```
1 {
2   "quest": "Who among the following wrote Sanskrit grammar?",
3   "opt1": "Kalidasa",
4   "opt2": "Charak",
5   "opt3": "Panini",
6   "opt4": "Aiyabhath",
7   "ans": 3
8 }
```

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 98 ms Size: 178 B Save Response

Pretty Raw Preview Visualize Text

```
1 question added
```

Find and Replace Console

80°F Mostly sunny

Add quiz api

The screenshot shows the Postman application interface. The top bar includes navigation links (Home, Workspaces, Explore), a search bar, and user options (Sign In, Create Account). A yellow banner indicates "Working locally in Scratch Pad. Switch to a Workspace".

The left sidebar shows the "Scratch Pad" section with a "New" button and an "Import" button. Below this is a "Collections" section with a "You don't have any collections" message and a "Create Collection" button. The main workspace displays a POST request to `http://localhost:8080/mcq/addQuiz`. The request body is a JSON object:

```
1 {
2   "subject": "General Knowledge",
3   "title": "Language",
4   "quizno": 1,
5   "qid": 1,
6   "qid": 1
7 }
8
```

The response is displayed in the "Body" tab, showing a status of 200 OK, a time of 57 ms, and a size of 174 B. The response body is:

```
1 quiz added
```

ViewAllQuiz api

The screenshot shows the Postman application interface. The top bar includes navigation links (Home, Workspaces, Explore), a search bar, and user options (Sign In, Create Account). A yellow banner indicates "Working locally in Scratch Pad. Switch to a Workspace".

The left sidebar shows the "Scratch Pad" section with a "New" button and an "Import" button. Below this is a "Collections" section with a "You don't have any collections" message and a "Create Collection" button. The main workspace displays a GET request to `http://localhost:8080/mcq/viewAllQuiz`. The response is displayed in the "Body" tab, showing a status of 200 OK, a time of 66 ms, and a size of 387 B. The response body is a JSON object:

```
1 {
2   "qid": 1,
3   "title": "Language",
4   "quizno": 1,
5   "subject": "General Knowledge",
6   "qid": {
7     "qid": 1,
8     "quest": "Who among the following wrote Sanskrit grammar?",
9     "opt1": "Kalidasa",
10    "opt2": "Charak",
11    "opt3": "Panini",
12    "opt4": "Aryabhatt",
13    "ans": 3
14   }
15 }
16
17
```

Quizinfo api

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/quizinfo

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

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

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

This request does not have a body

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 62 ms Size: 213 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1  {
2    "users": 1,
3    "quiz": [
4      {
5        "Language",
6        1
7      }
8    ],
9    "questions": 1
10 }
```

View Quiz api

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/viewQuiz

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

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

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

This request does not have a body

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 15 ms Size: 180 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1  [
2    {
3      "Language",
4      1
5    }
6  ]
```

Take Test api

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/takeTest

POST

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

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

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

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 67 ms Size: 172 B [Save Response](#)

Pretty Raw Preview Visualize Text

1 submitted

80°F Mostly sunny

09:21 03-09-2022

GetAllTest api

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/getAllTest

GET

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

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 40 ms Size: 657 B [Save Response](#)

Pretty Raw Preview Visualize JSON

```
1 {
2   "tid": 1,
3   "userid": {
4     "uid": 1,
5     "emailid": "abc@gmail.com",
6     "password": "meha",
7     "phno": 9876543210
8   },
9   "quizid": {
10    "quid": 1,
11    "title": "Language",
12    "quizno": 1,
13    "subject": "General Knowledge",
14    "qid": {
15      "qid": 1,
16      "quest": "Who among the following wrote Sanskrit grammar?",
17      "opt1": "Kalidasa",
18      "opt2": "Charak",
19      "opt3": "Panini",
20      "opt4": "Aryabhata",
21      "ans": 3
22    }
23  },
24   "questionid": {
25     "questionid": 1
26   }
27 }
```

80°F Mostly sunny

09:21 03-09-2022

Home Workspaces Explore Search Postman Sign In Create Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad New Import

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/getAllTest

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

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

Body Cookies Headers (5) Test Results Status: 200 OK Time: 40 ms Size: 657 B Save Response

Pretty Raw Preview Visualize JSON

```
12  {
13    "title": "Language",
14    "quizno": 1,
15    "subject": "General Knowledge",
16    "qid": {
17      "qid": 1,
18      "quest": "who among the following wrote Sanskrit grammar?",
19      "opt1": "Kalidasa",
20      "opt2": "Charak",
21      "opt3": "Panini",
22      "opt4": "Aryabhatt",
23      "ans": 3
24    },
25    "questionid": {
26      "qid": 1,
27      "quest": "who among the following wrote Sanskrit grammar?",
28      "opt1": "Kalidasa",
29      "opt2": "Charak",
30      "opt3": "Panini",
31      "opt4": "Aryabhatt",
32      "ans": 3
33    },
34    "testans": 3
35  }
36 }
```

80°F Mostly sunny 09:22 03-09-2022

GetResult api

Home Workspaces Explore Search Postman Sign In Create Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad New Import

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/getresult

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

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

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

This request does not have a body

Body Cookies Headers (5) Test Results Status: 200 OK Time: 97 ms Size: 201 B Save Response

Pretty Raw Preview Visualize JSON

```
1  {
2    "email": "abc@gmail.com",
3    "marks": 1
4  }
5
6 }
```

80°F Mostly sunny 09:24 03-09-2022

GetAdminResult api

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
[Create Collection](#)

http://localhost:8080/mcq/getAdminResult

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

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

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

This request does not have a body

Status: 200 OK Time: 42 ms Size: 237 B [Save Response](#)

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "email": "abc@gmail.com",
3   "marks": 1
4 },
5 {
6   "email": "abc@gmail.com",
7   "marks": 1
8 }
9 }
```

MySQL CommandLine

MySQL 8.0 Command Line Client

```
mysql> select * from user;
+----+-----+-----+-----+
| uid | emailid | password | phno |
+----+-----+-----+-----+
| 1 | abc@gmail.com | meha | 9876543210 |
+----+-----+-----+-----+
1 row in set (0.05 sec)

mysql> select * from admin;
Empty set (0.00 sec)

mysql> insert into admin values(1,"admin1","admin1");
Query OK, 1 row affected (0.01 sec)

mysql> select * from quiz;
+----+-----+-----+-----+-----+
| quid | quizno | subject | title | qid_qid |
+----+-----+-----+-----+-----+
| 1 | 1 | General Knowledge | Language | 1 |
+----+-----+-----+-----+-----+
1 row in set (0.04 sec)

mysql> select * from question;
+----+-----+-----+-----+-----+
| qid | ans | opt1 | opt2 | opt3 | opt4 | quest |
+----+-----+-----+-----+-----+
| 1 | 3 | Kalidasa | Charak | Panini | Aryabhata | Who among the following wrote Sanskrit grammar? |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from test;
+----+-----+-----+-----+-----+
| tid | testans | questionid_qid | quizid_qid | userid_uid |
+----+-----+-----+-----+-----+
| 1 | 3 | 1 | 1 | 1 |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from admin;
+----+-----+-----+
| id | password | username |
+----+-----+-----+
| 1 | admin1 | admin1 |
+----+-----+-----+
1 row in set (0.00 sec)

mysql>
```