

Postman request & API output document

The following document is a compilation API calls designed with postman and used for CRUD functionality. (Create(POST), Read(GET), Update(PUT), Delete(DELETE))

INITIAL DATABASE WITH NO DATA:

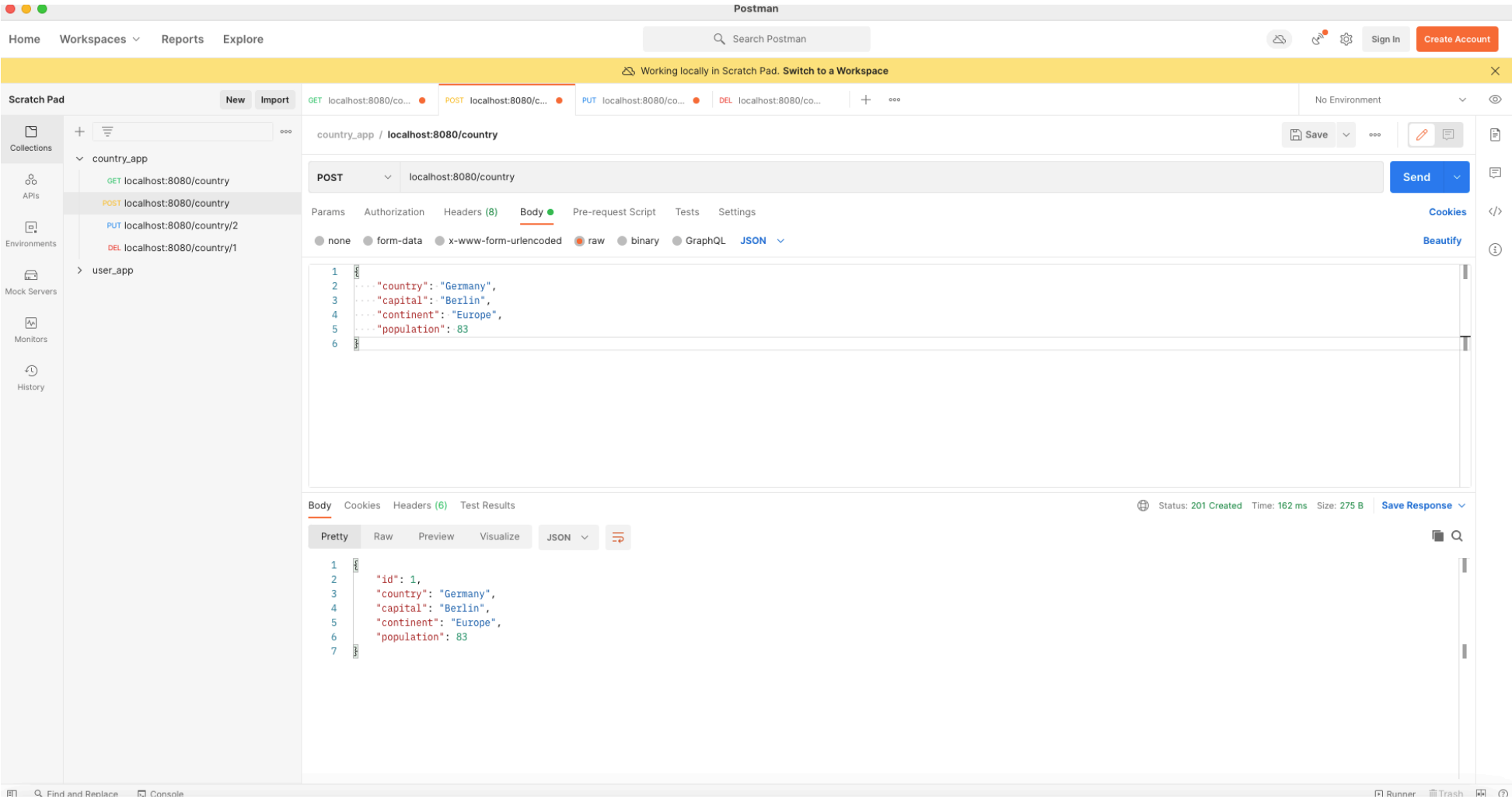
The screenshot displays the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'Reports', and 'Explore'. A search bar is present with the text 'Search Postman'. On the right, there are links for 'Sign In' and 'Create Account'.

The main workspace is titled 'Working locally in Scratch Pad. Switch to a Workspace'. The left sidebar shows a 'Scratch Pad' with a 'Collections' panel. Under 'country_app', there are four requests: GET localhost:8080/country, POST localhost:8080/country, PUT localhost:8080/country/2, and DEL localhost:8080/country/1. The 'user_app' collection is also visible.

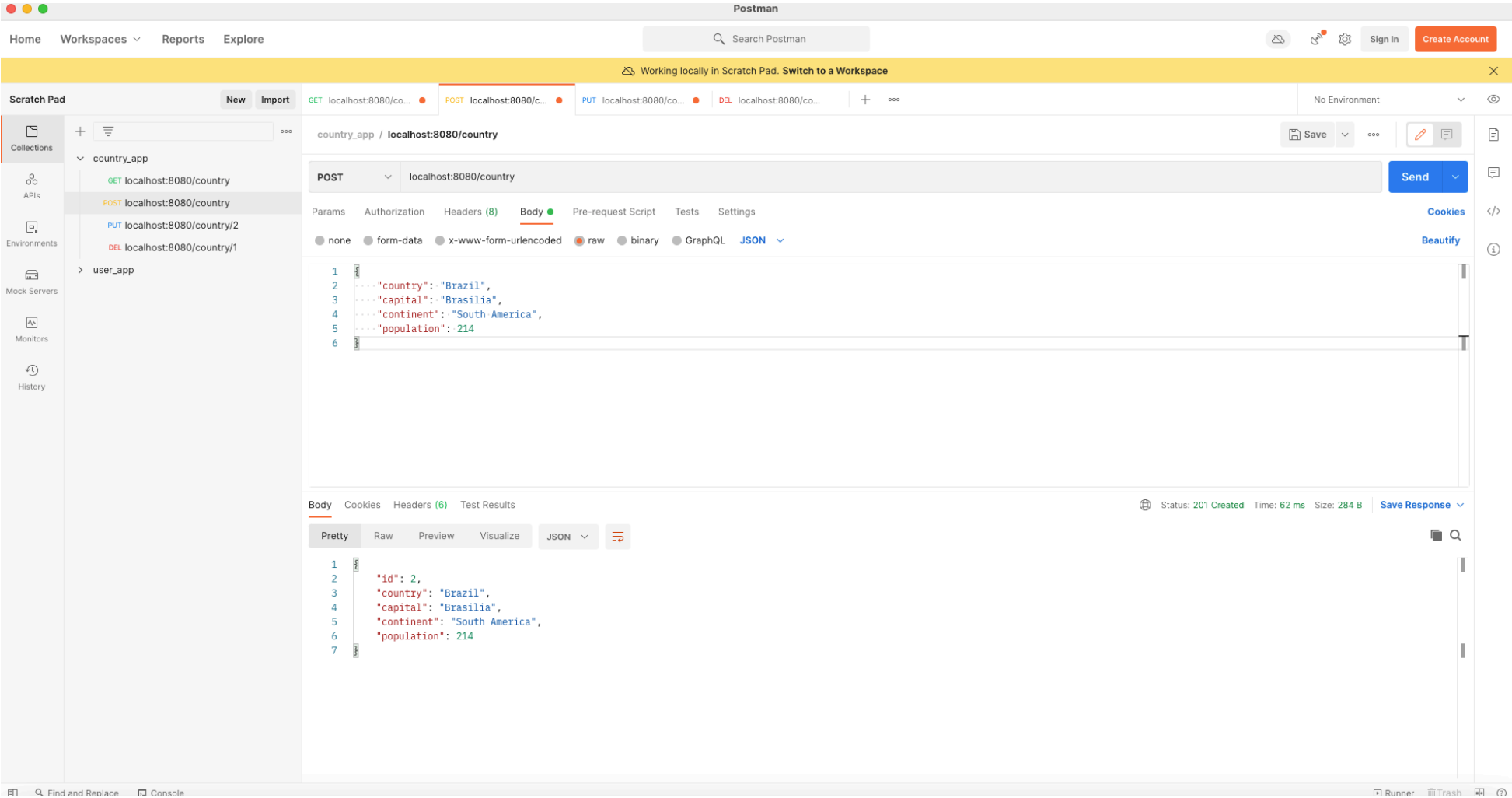
The central panel shows a GET request to 'localhost:8080/country'. The 'Params' tab is active, displaying a table with one row: 'Key' with 'Value' and 'Description'. The 'Body' tab is also visible, showing a status of '200 OK', time of '29 ms', and size of '166 B'. The 'Send' button is located in the top right of the request panel.

The bottom status bar includes 'Find and Replace', 'Console', 'Runner', 'Trash', and a help icon.

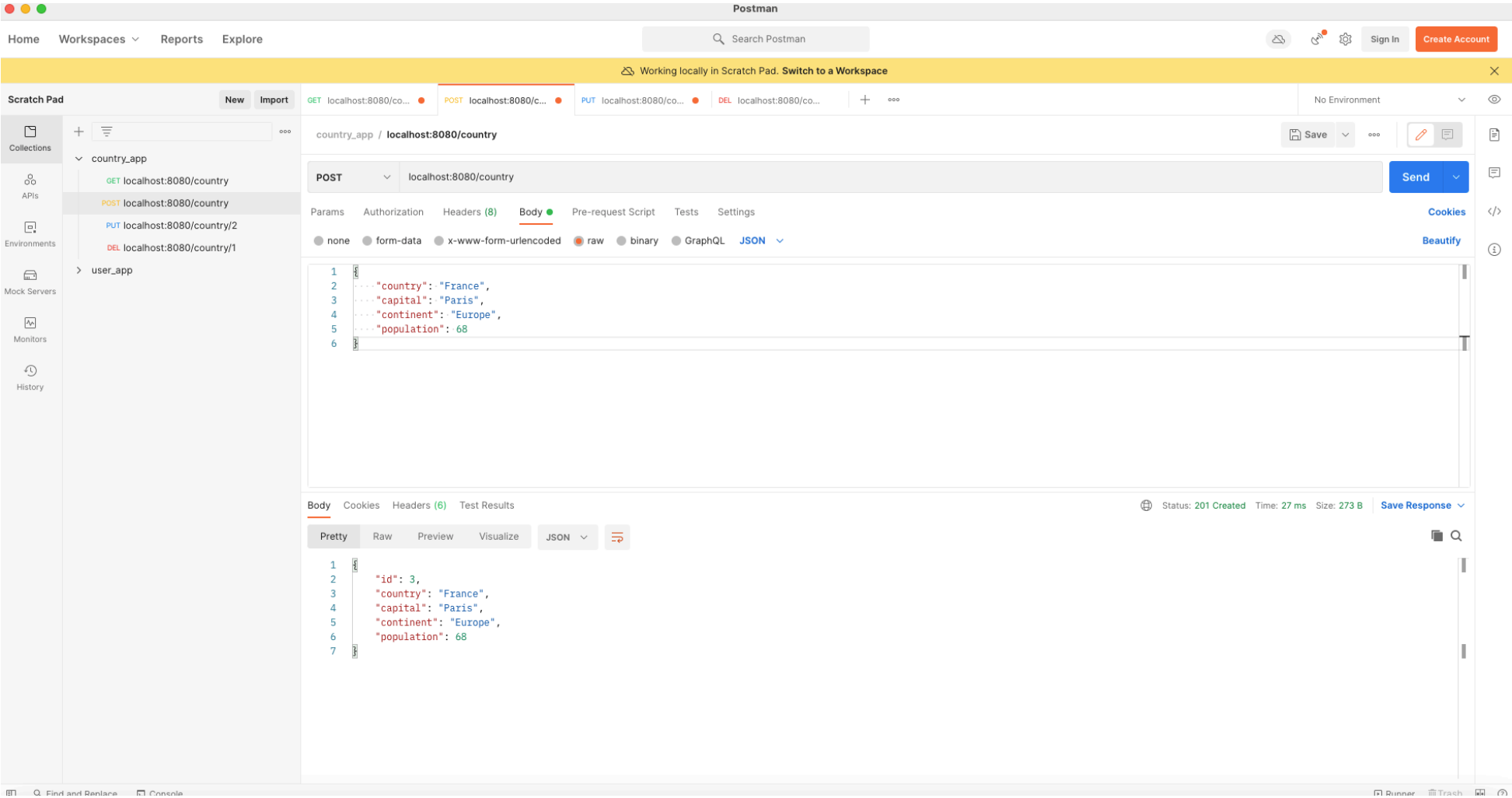
Postman Requests_POST_1:



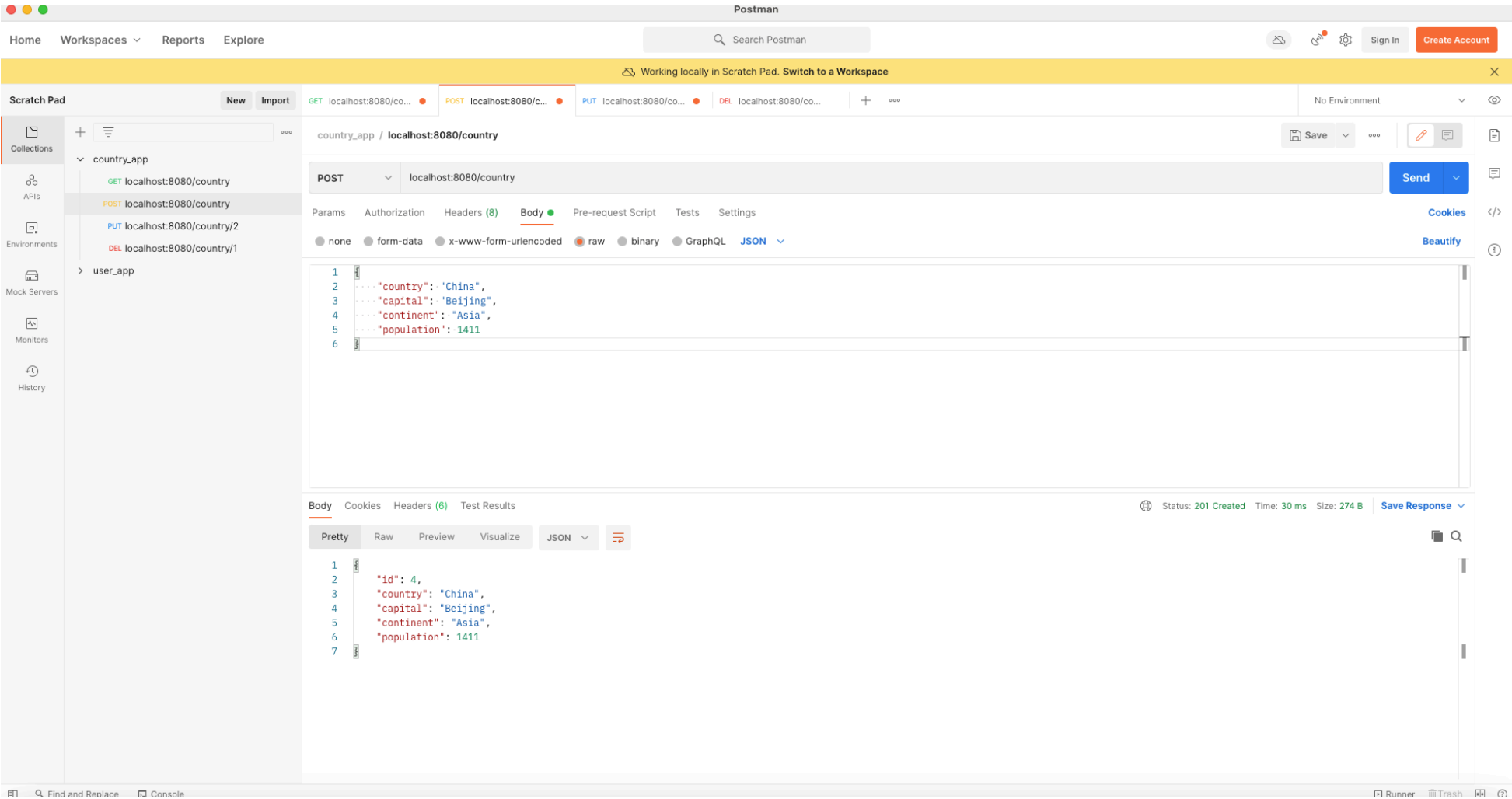
Postman Requests_POST_2:



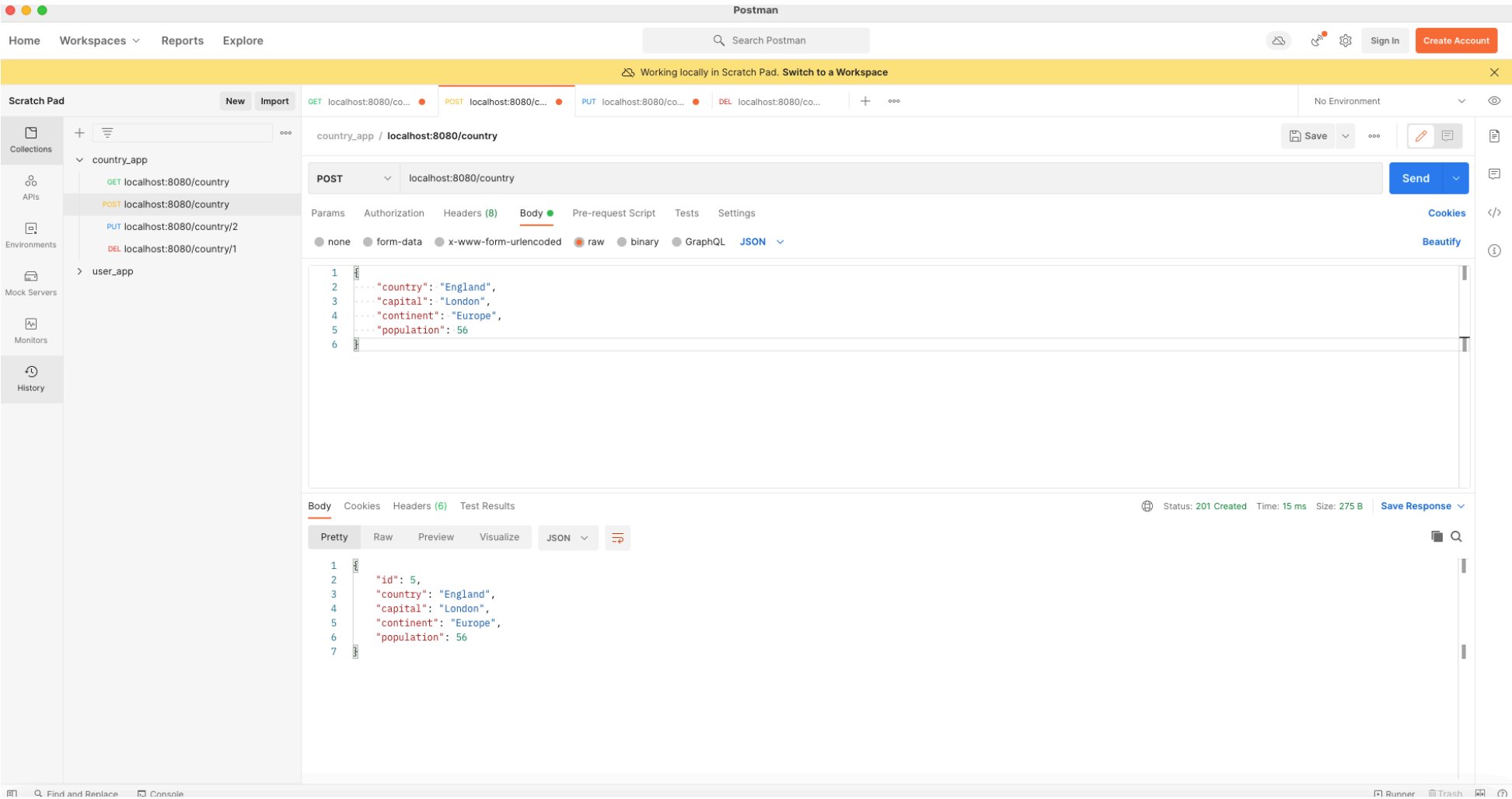
Postman Requests_POST_3:



Postman Requests_POST_4:



Postman Requests_POST_5:



Postman Requests_GET_Total Input after adding data:

The screenshot displays the Postman interface with a GET request to `localhost:8080/country`. The response is a JSON array of five country objects, each containing `id`, `country`, `capital`, `continent`, and `population`.

Request Details:

- Method: GET
- URL: `localhost:8080/country`
- Headers (5):
- Body: (Empty)

Response Details:

- Status: 200 OK
- Time: 33 ms
- Size: 596 B
- Save Response

Response Body (JSON):

```
[{"id": 1, "country": "Germany", "capital": "Berlin", "continent": "Europe", "population": 83}, {"id": 2, "country": "Brazil", "capital": "Brasilia", "continent": "South America", "population": 214}, {"id": 3, "country": "France", "capital": "Paris", "continent": "Europe", "population": 68}, {"id": 4, "country": "China", "capital": "Beijing", "continent": "Asia", "population": 1411}, {"id": 5, "country": "England", "capital": "London", "continent": "Europe", "population": 56}]
```

Postman Requests_GET_Byld_1:

HomeWorkspacesReportsExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch PadNewImport

country_app / localhost:8080/country

GETlocalhost:8080/countryPOSTlocalhost:8080/countryPUTlocalhost:8080/countryDELlocalhost:8080/country

country_app / localhost:8080/country

GETlocalhost:8080/country/1

ParamsAuthorizationHeaders(6)BodyPre-request ScriptTestsSettings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

BodyCookiesHeaders(5)Test Results

Status: 200 OKTime: 86 msSize: 248 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"id": 1,
2  "country": "Germany",
3  "capital": "Berlin",
4  "continent": "Europe",
5  "population": 83
6}
7
```

Find and ReplaceConsoleRunnerTrash

Postman Requests_GET_Byld_2:

HomeWorkspacesReportsExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch PadNewImport

country_app / localhost:8080/country

GETlocalhost:8080/countryPOSTlocalhost:8080/countryPUTlocalhost:8080/countryDELlocalhost:8080/country

country_app / localhost:8080/country

GETlocalhost:8080/country/2

Send

ParamsAuthorizationHeaders(6)BodyPre-request ScriptTestsSettings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

BodyCookiesHeaders(5)Test Results

Status: 200 OKTime: 34 msSize: 257 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{"id": 2,
2  "country": "Brazil",
3  "capital": "Brasilia",
4  "continent": "South America",
5  "population": 214
6}
7
```

Find and ReplaceConsoleRunnerTrash

Postman Requests_GET_Byld_3:

HomeWorkspacesReportsExplore

Search Postman

Sign In

Create Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad

NewImport

GET localhost:8080/co...POST localhost:8080/c...PUT localhost:8080/co...DEL localhost:8080/co...

Collections

country_app

GET localhost:8080/country

POST localhost:8080/country

PUT localhost:8080/country/2

DEL localhost:8080/country/1

user_app

country_app / localhost:8080/country

Save

GETlocalhost:8080/country/3

Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 24 msSize: 246 BSave Response

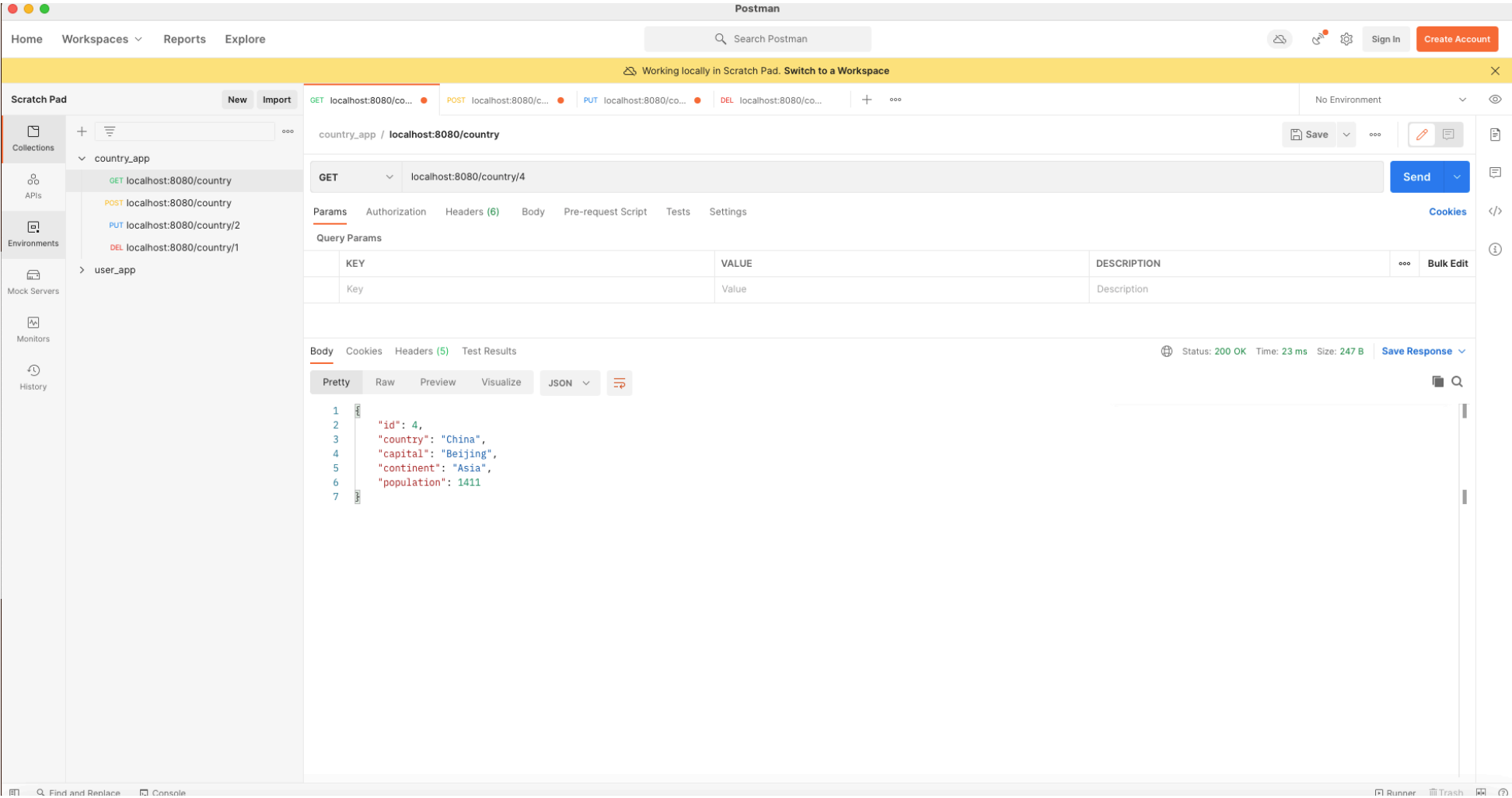
PrettyRawPreviewVisualizeJSON

```
1  {
2    "id": 3,
3    "country": "France",
4    "capital": "Paris",
5    "continent": "Europe",
6    "population": 68
7  }
```

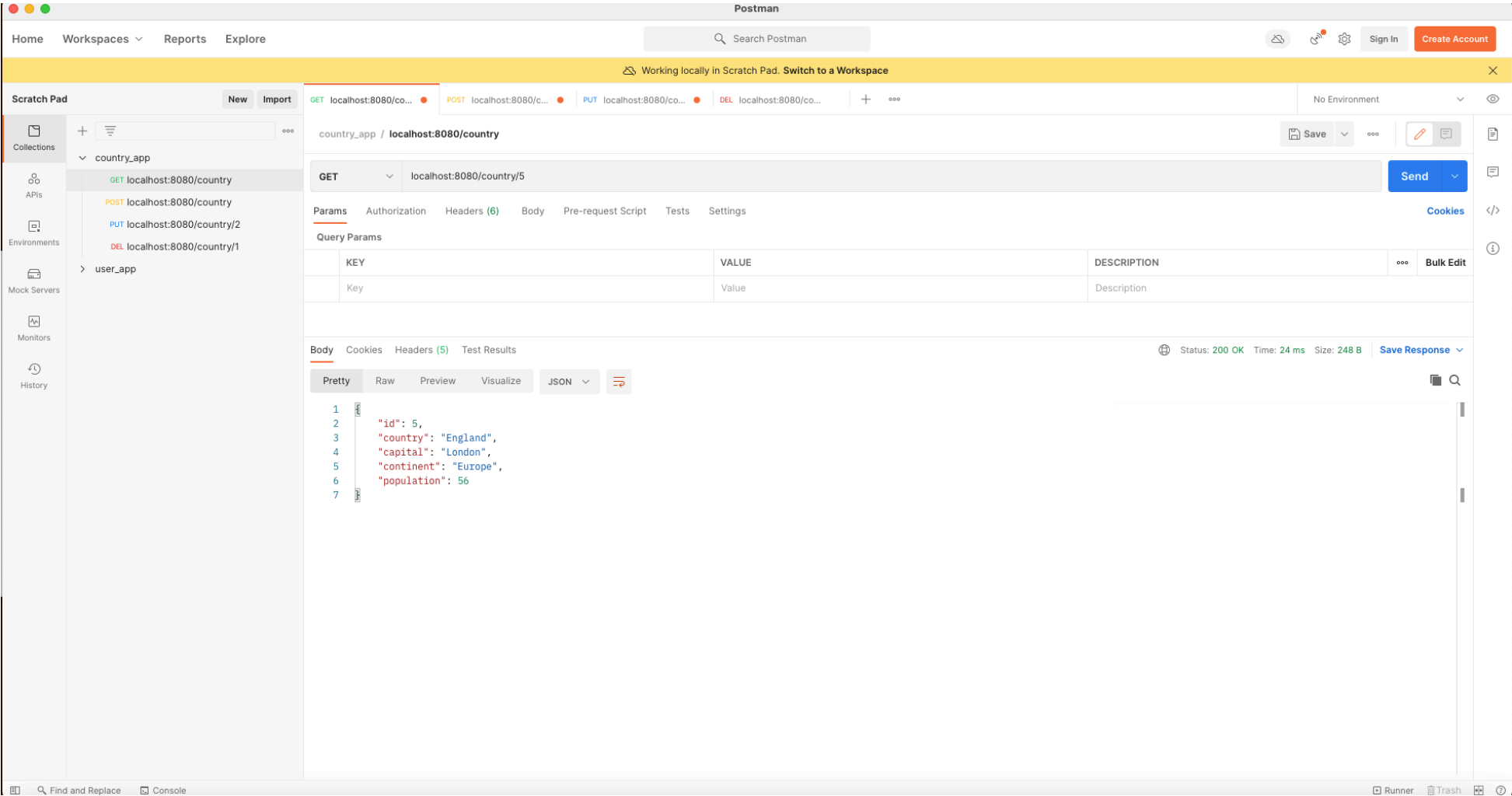
Find and ReplaceConsole

RunnerTrash

Postman Requests_GET_Byld_4:



Postman Requests_GET_Byld_5:



Postman Requests_PUT_3_USA: (The following request is to update id 3 (France data) into USA data)

The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', 'Reports', and 'Explore'. A search bar labeled 'Search Postman' is also present. Below this, a yellow banner indicates 'Working locally in Scratch Pad. Switch to a Workspace'. The left sidebar contains a 'Scratch Pad' section with 'New' and 'Import' buttons, and a 'Collections' section showing a tree view with 'country_app' and 'user_app'. The main workspace shows a PUT request to 'localhost:8080/country/3'. The request body is a JSON object:

```
{  "country": "USA",  "capital": "Washington",  "continent": "North America",  "population": 331}
```

. The bottom section shows the response body in 'Pretty' format:

```
{  "id": 3,  "country": "USA",  "capital": "Washington",  "continent": "North America",  "population": 331}
```

. The status bar at the bottom indicates 'Status: 202 Accepted', 'Time: 120 ms', and 'Size: 281 B'.

Postman

Home Workspaces Reports Explore

Search Postman

Sign In Create Account

Working locally in Scratch Pad. Switch to a Workspace

Scratch Pad New Import

country_app / localhost:8080/country/2

country_app

- GET localhost:8080/country
- POST localhost:8080/country
- PUT localhost:8080/country/2
- DEL localhost:8080/country/1

user_app

Mock Servers

Monitors

History

PUT localhost:8080/country/3

Send

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

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

```
1 {
2   "country": "USA",
3   "capital": "Washington",
4   "continent": "North America",
5   "population": 331
6 }
```

Body Cookies Headers (6) Test Results

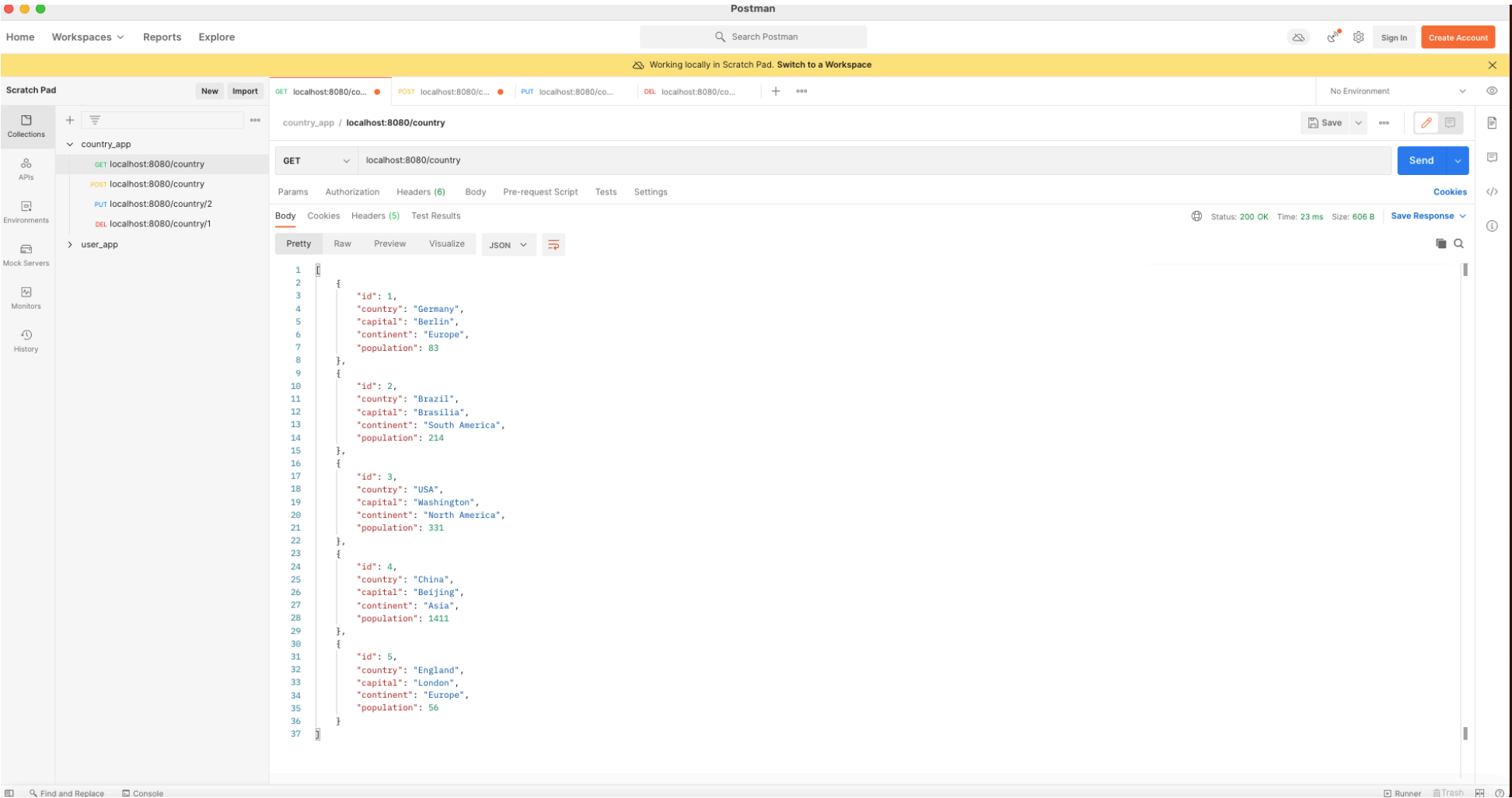
Status: 202 Accepted Time: 120 ms Size: 281 B Save Response

Pretty Raw Preview Visualize JSON

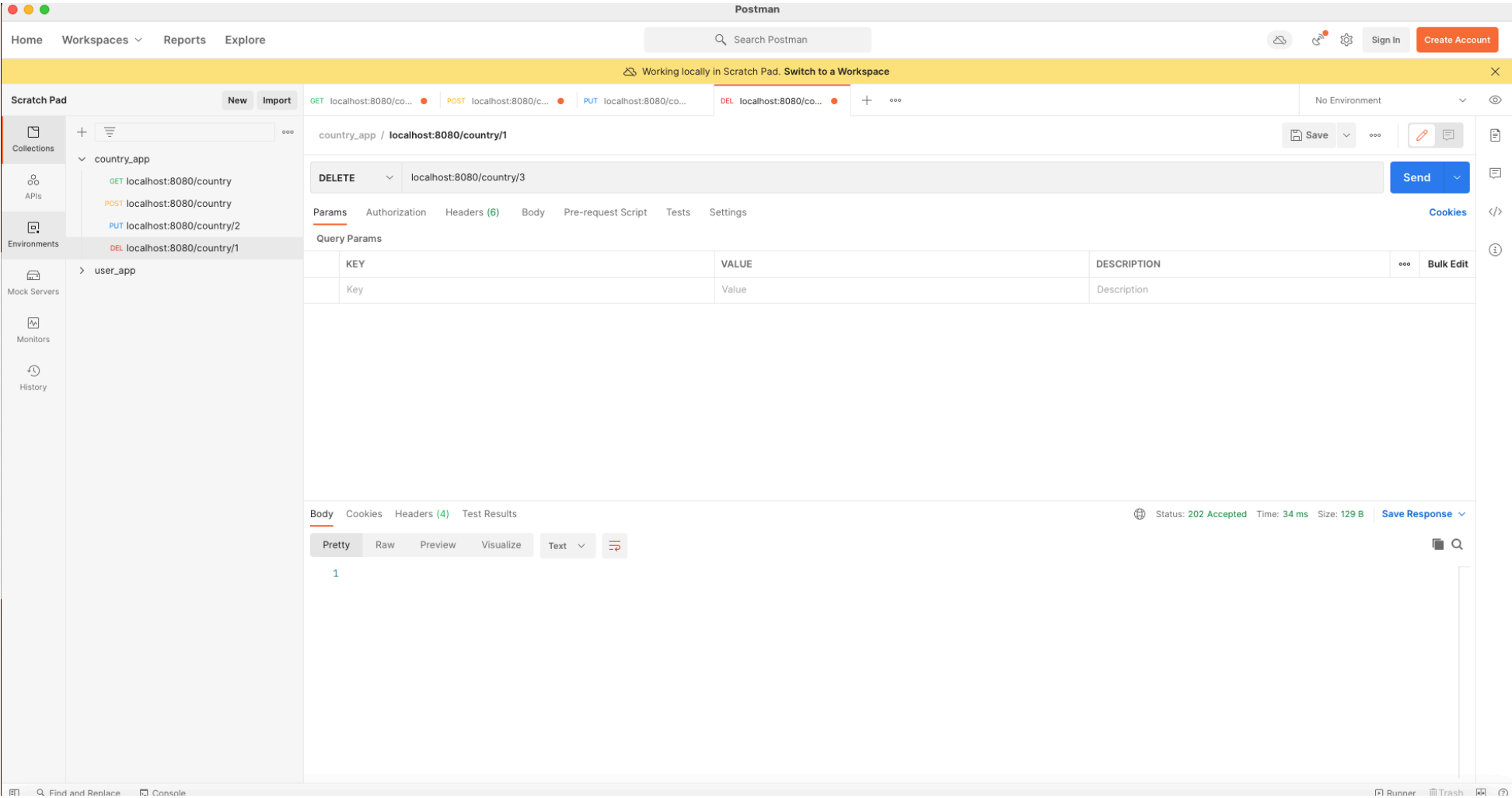
```
1 {
2   "id": 3,
3   "country": "USA",
4   "capital": "Washington",
5   "continent": "North America",
6   "population": 331
7 }
```

Find and Replace Console Runner Trash

Postman Requests_GET_Total input: (After updating id 3 (France data) into USA data)



Postman Requests_DELETE_3_USA: (The following request is to delete id 3 (USA data) from the database)



Postman Requests_GET_Total input: (After deleting id 3 (USA data) from the database)

The screenshot shows the Postman interface with a GET request to `localhost:8080/country`. The response is a JSON array of country data. The left sidebar shows the 'country_app' collection with the following requests:

- GET localhost:8080/country
- POST localhost:8080/country
- PUT localhost:8080/country/2
- DEL localhost:8080/country/1

The main panel shows the response body in JSON format:

```
1 {
2   {
3     "id": 1,
4     "country": "Germany",
5     "capital": "Berlin",
6     "continent": "Europe",
7     "population": 83
8   },
9   {
10    "id": 2,
11    "country": "Brazil",
12    "capital": "Brasilia",
13    "continent": "South America",
14    "population": 214
15  },
16  {
17    "id": 4,
18    "country": "China",
19    "capital": "Beijing",
20    "continent": "Asia",
21    "population": 1411
22  },
23  {
24    "id": 5,
25    "country": "England",
26    "capital": "London",
27    "continent": "Europe",
28    "population": 56
29  }
30 }
```

The status bar at the bottom indicates: Status: 200 OK, Time: 28 ms, Size: 513 B. The bottom right corner shows a 'Banner' and 'Trash' icon.