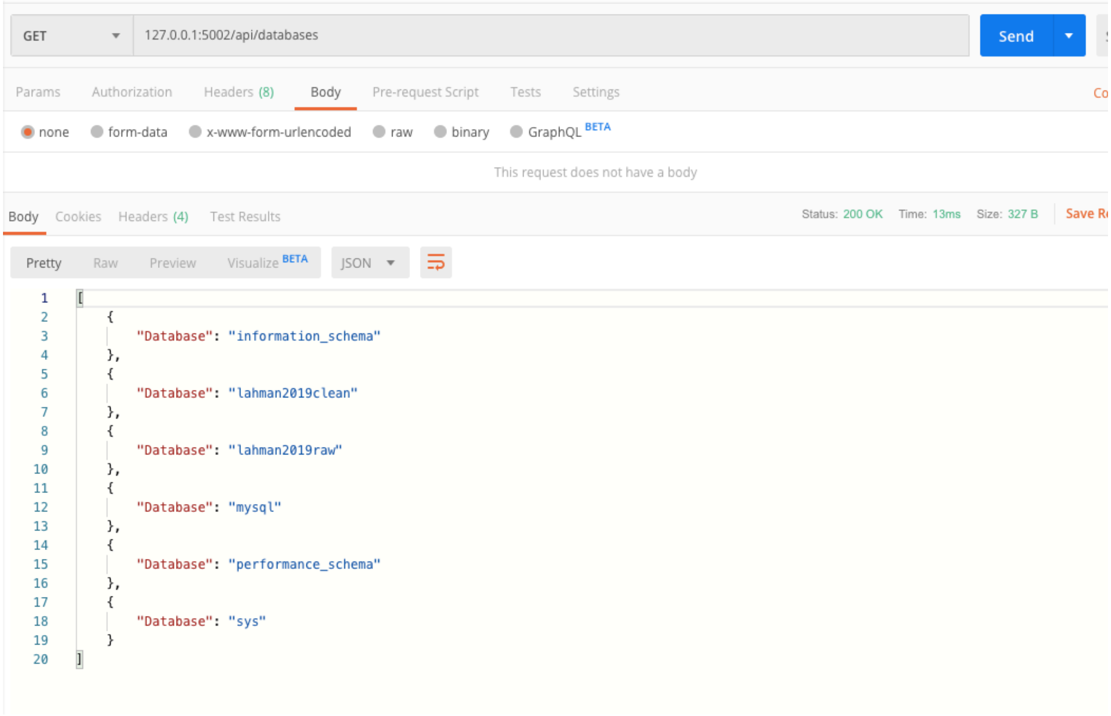
1. TEST for dbs()

I run GET on 127.0.0.1:5002/api/databases to get a list containing the databases at this endpoint.



127.0.0.1:5002/api/databases

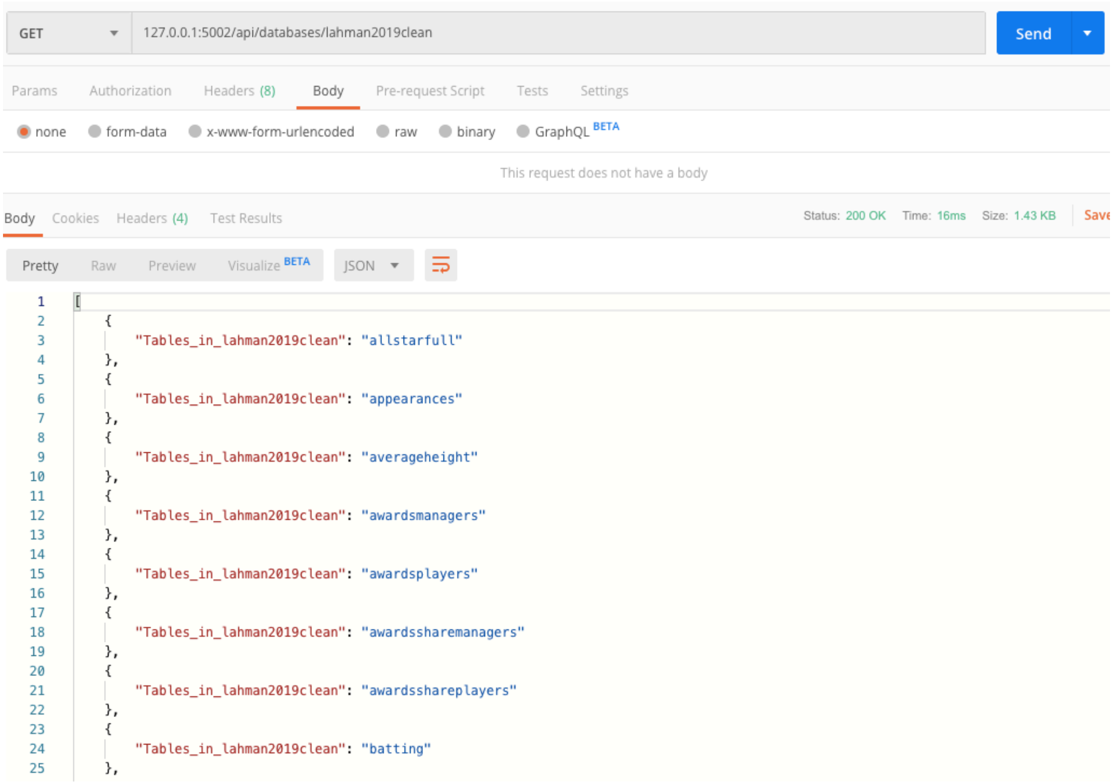
This request does not have a body

Status: 200 OK Time: 13ms Size: 327 B

```
[
    {
        "Database": "information_schema"
    },
    {
        "Database": "lahman2019clean"
    },
    {
        "Database": "lahman2019raw"
    },
    {
        "Database": "mysql"
    },
    {
        "Database": "performance_schema"
    },
    {
        "Database": "sys"
    }
]
```

2. TEST for tbls()

I run GET on 127.0.0.1:5002/api/databases/lahman2019clean to get the list of tables in the database lahman2019clean.



127.0.0.1:5002/api/databases/lahman2019clean

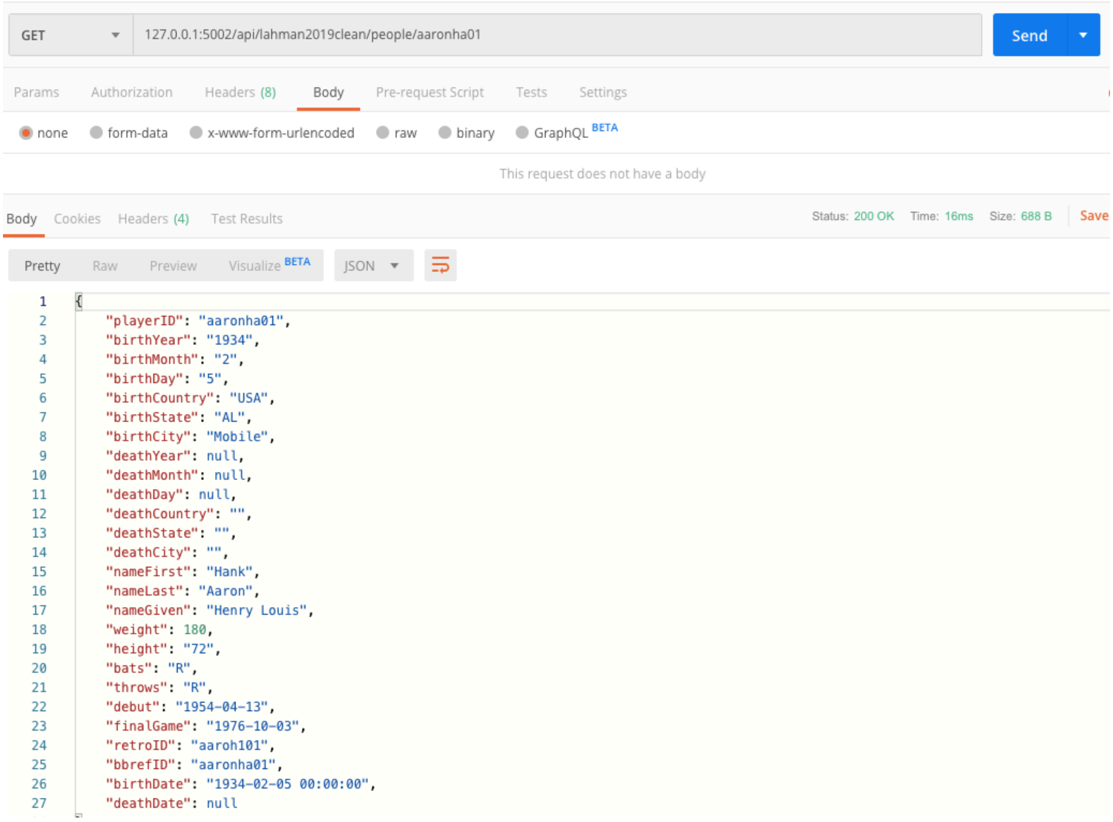
This request does not have a body

Status: 200 OK Time: 16ms Size: 1.43 KB

```
[
    {
        "Tables_in_lahman2019clean": "allstarfull"
    },
    {
        "Tables_in_lahman2019clean": "appearances"
    },
    {
        "Tables_in_lahman2019clean": "averageheight"
    },
    {
        "Tables_in_lahman2019clean": "awardsmanagers"
    },
    {
        "Tables_in_lahman2019clean": "awardsplayers"
    },
    {
        "Tables_in_lahman2019clean": "awardssharemanagers"
    },
    {
        "Tables_in_lahman2019clean": "awardsshareplayers"
    },
    {
        "Tables_in_lahman2019clean": "batting"
    },
```

3. Test for resource_by_id method = ‘GET’

I run GET on 127.0.0.1:5002/api/lahman2019clean/people/aaronha01 and successfully find this person with playerID:aaronha01



GET 127.0.0.1:5002/api/lahman2019clean/people/aaronha01

● none

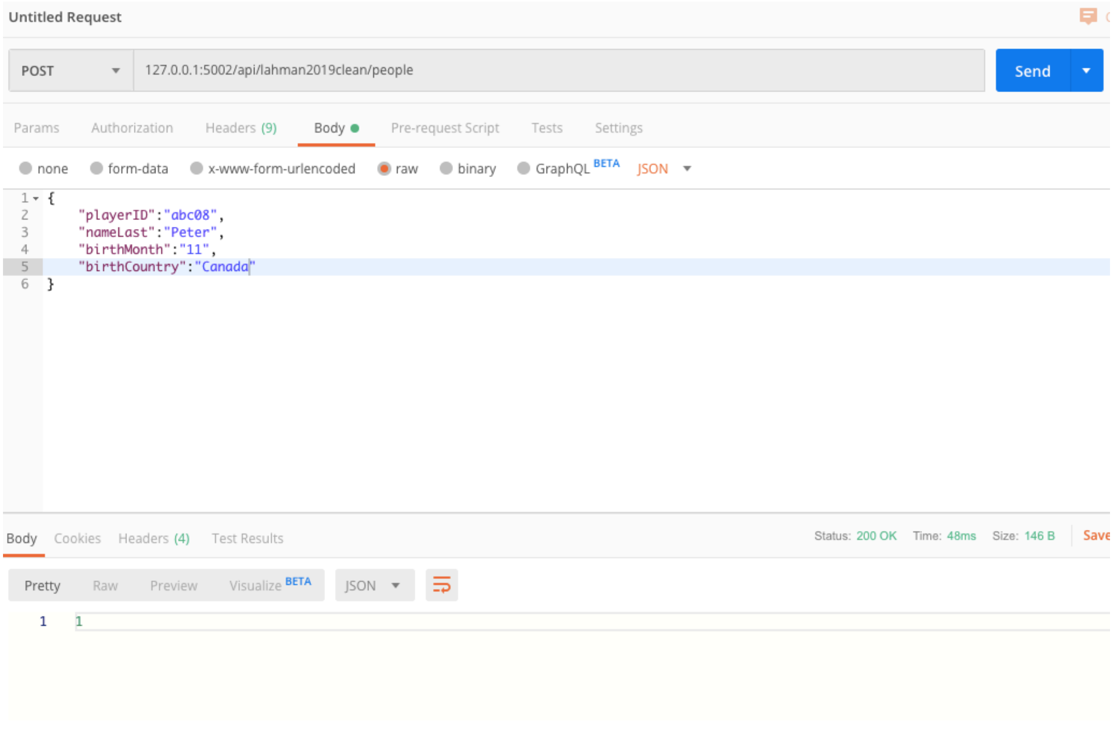
This request does not have a body

Status: 200 OK Time: 16ms Size: 688 B

```
{
    "playerID": "aaronha01",
    "birthYear": "1934",
    "birthMonth": "2",
    "birthDay": "5",
    "birthCountry": "USA",
    "birthState": "AL",
    "birthCity": "Mobile",
    "deathYear": null,
    "deathMonth": null,
    "deathDay": null,
    "deathCountry": "",
    "deathState": "",
    "deathCity": "",
    "nameFirst": "Hank",
    "nameLast": "Aaron",
    "nameGiven": "Henry Louis",
    "weight": 180,
    "height": "72",
    "bats": "R",
    "throws": "R",
    "debut": "1954-04-13",
    "finalGame": "1976-10-03",
    "retroID": "aaroh101",
    "bbrefID": "aaronha01",
    "birthDate": "1934-02-05 00:00:00",
    "deathDate": null
```

4. Test for resource_by_id method = ‘DELETE’

In order to test for delete, I first insert a record using post.



POST 127.0.0.1:5002/api/lahman2019clean/people

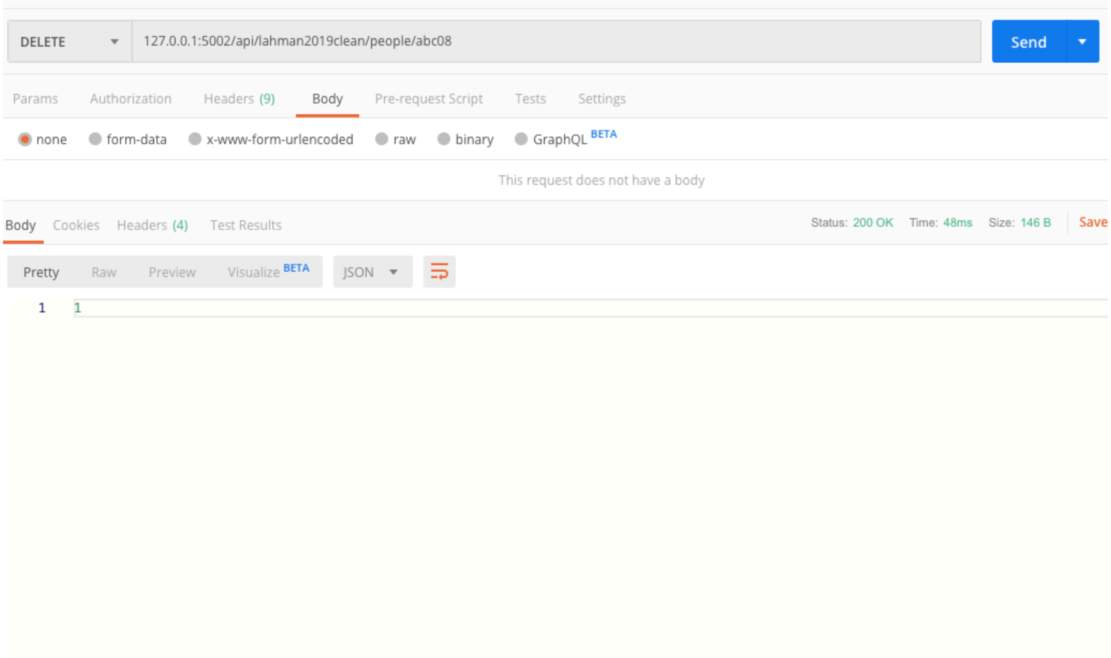
● raw JSON

```
{
    "playerID":"abc08",
    "nameLast":"Peter",
    "birthMonth":"11",
    "birthCountry":"Canada"
}
```

Status: 200 OK Time: 48ms Size: 146 B

```
1
```

then I delete this record


DELETE 127.0.0.1:5002/api/lahman2019clean/people/abc08

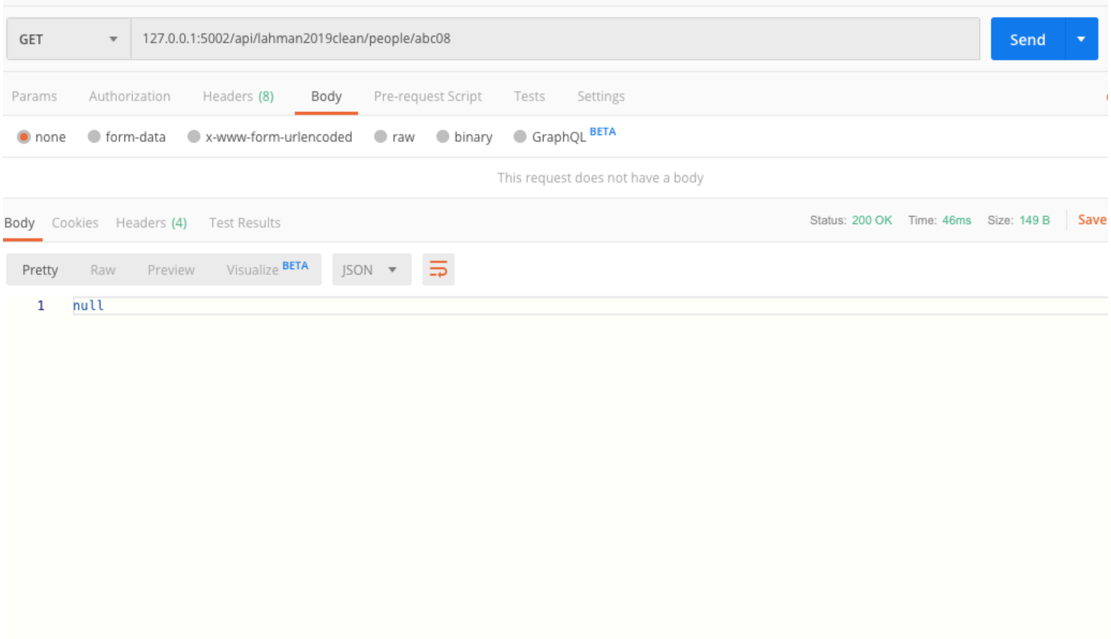
Body: ● none

This request does not have a body

Status: 200 OK Time: 48ms Size: 146 B

```
1
```

then I use GET to check if it is successfully deleted


GET 127.0.0.1:5002/api/lahman2019clean/people/abc08

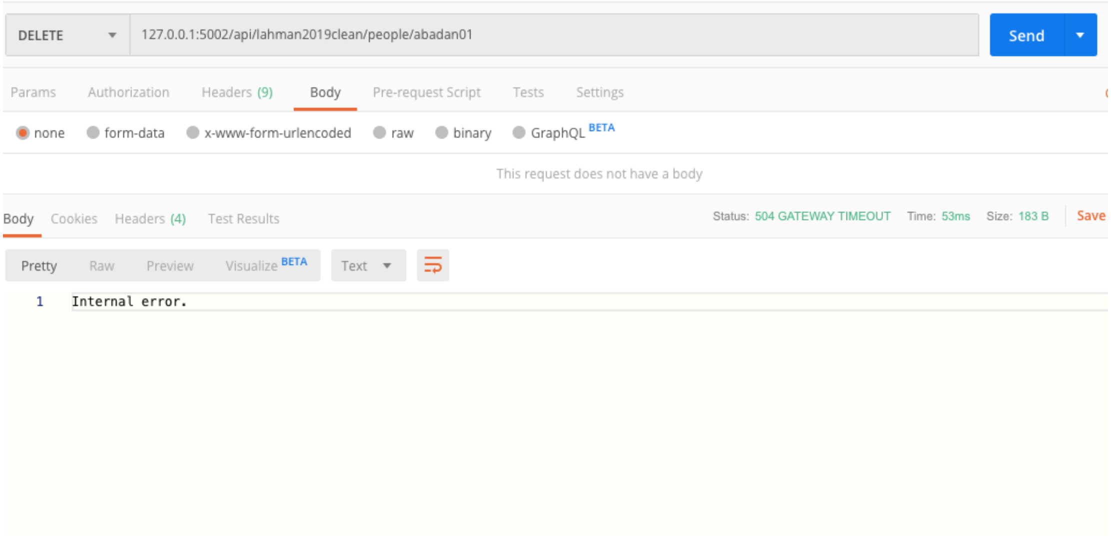
Body: ● none

This request does not have a body

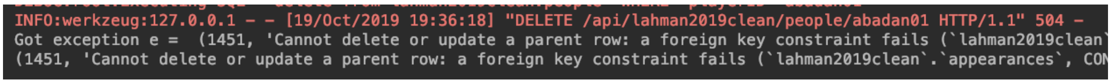
Status: 200 OK Time: 46ms Size: 149 B

```
null
```

if I delete someone who was originally in the people table, then I get an error due to foreign key constraints.



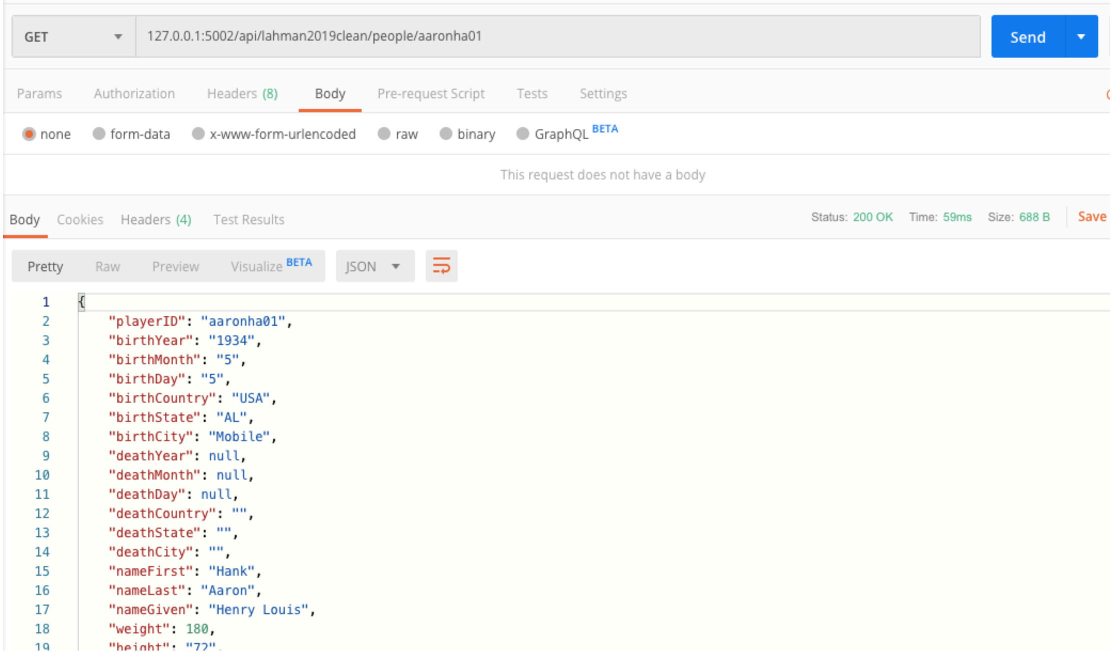
```
Internal error.
```



```
INFO:werkzeug:127.0.0.1 - - [19/Oct/2019 19:36:18] "DELETE /api/lahman2019clean/people/abadan01 HTTP/1.1" 504 -
Got exception e =  (1451, 'Cannot delete or update a parent row: a foreign key constraint fails (`lahman2019clean`
(1451, 'Cannot delete or update a parent row: a foreign key constraint fails (`lahman2019clean`.`appearances`, CON
```

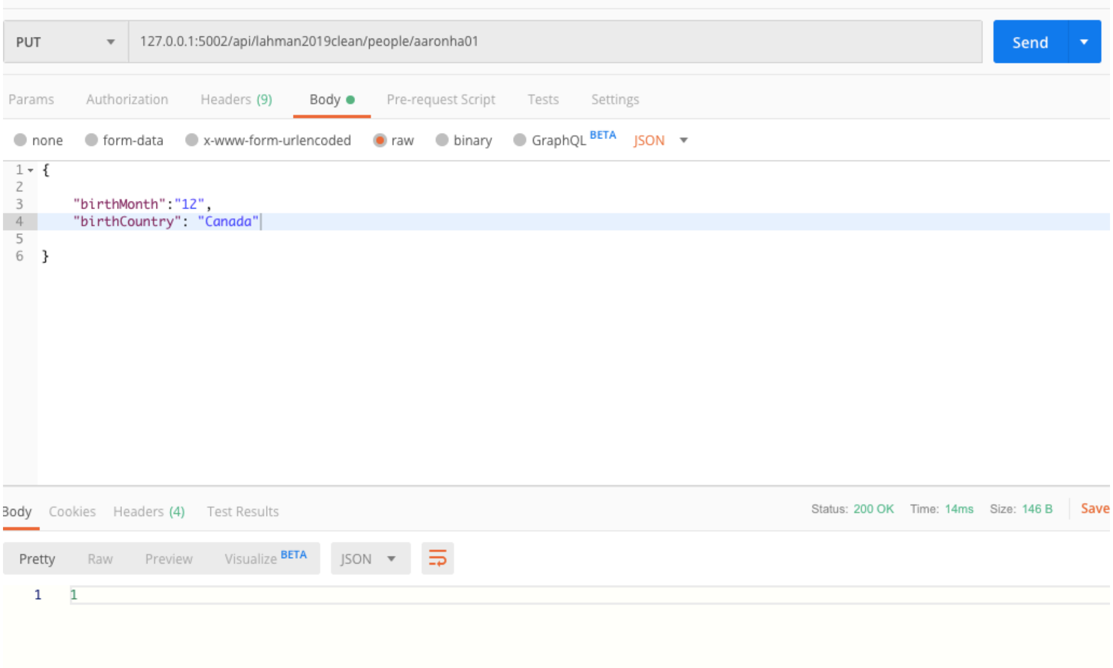
5. Test for resource_by_id method = 'PUT'

I run GET on 127.0.0.1:5002/api/lahman2019clean/people/aaronha01 to get his original information.



```
{
    "playerID": "aaronha01",
    "birthYear": "1934",
    "birthMonth": "5",
    "birthDay": "5",
    "birthCountry": "USA",
    "birthState": "AL",
    "birthCity": "Mobile",
    "deathYear": null,
    "deathMonth": null,
    "deathDay": null,
    "deathCountry": "",
    "deathState": "",
    "deathCity": "",
    "nameFirst": "Hank",
    "nameLast": "Aaron",
    "nameGiven": "Henry Louis",
    "weight": 180,
    "height": "72",
```

I run PUT on 127.0.0.1:5002/api/lahman2019clean/people/aaronha01 to update the birthMonth to be '12' and birthCountry to be 'Canada'.



PUT 127.0.0.1:5002/api/lahman2019clean/people/aaronha01

● raw JSON

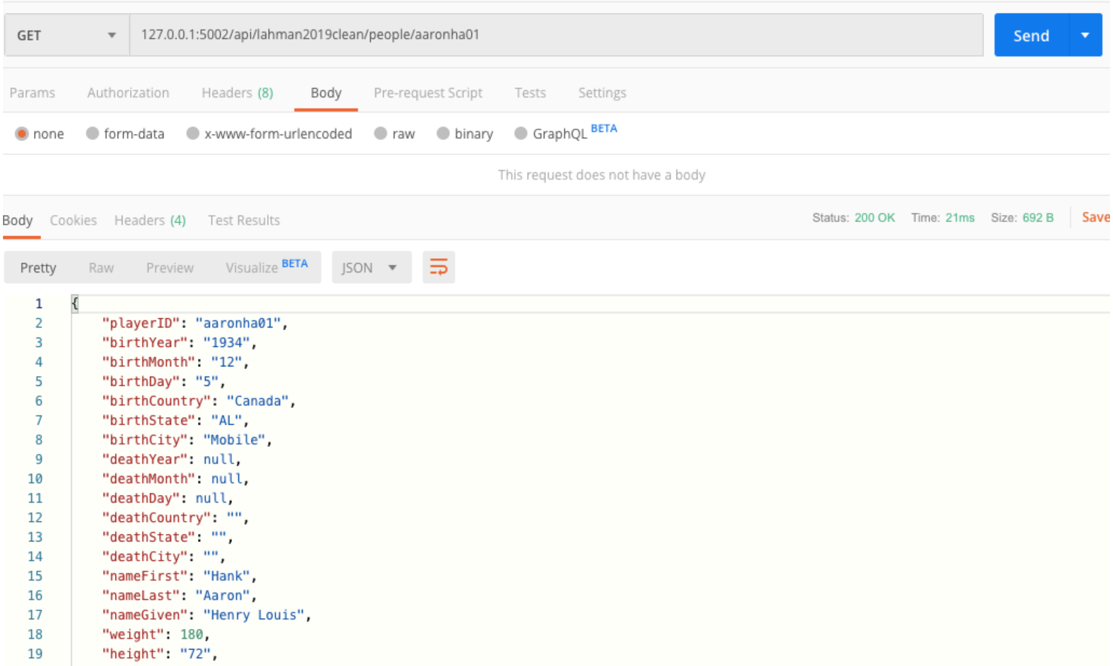
```
{

    "birthMonth":"12",
    "birthCountry": "Canada"

}
```

Status: 200 OK Time: 14ms Size: 146 B

JSON

```
1
```

Then I run GET on 127.0.0.1:5002/api/lahman2019clean/people/aaronha01 to make sure it is successfully updated



GET 127.0.0.1:5002/api/lahman2019clean/people/aaronha01

● none

This request does not have a body

Status: 200 OK Time: 21ms Size: 692 B

JSON

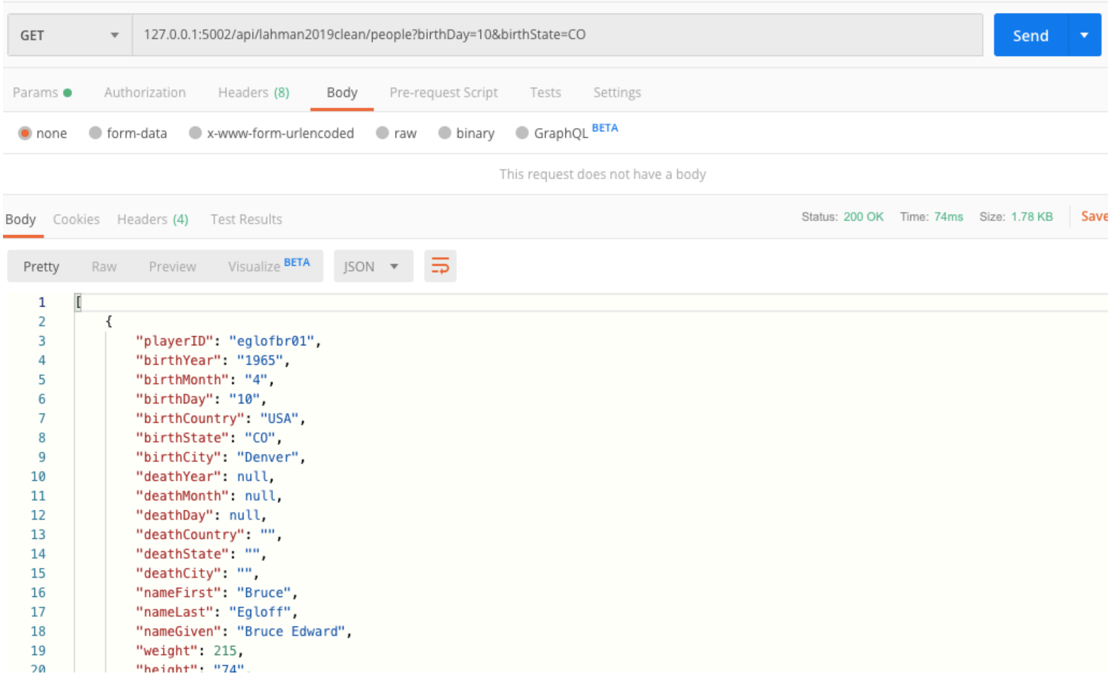
```
{
    "playerID": "aaronha01",
    "birthYear": "1934",
    "birthMonth": "12",
    "birthDay": "5",
    "birthCountry": "Canada",
    "birthState": "AL",
    "birthCity": "Mobile",
    "deathYear": null,
    "deathMonth": null,
    "deathDay": null,
    "deathCountry": "",
    "deathState": "",
    "deathCity": "",
    "nameFirst": "Hank",
    "nameLast": "Aaron",
    "nameGiven": "Henry Louis",
    "weight": 180,
    "height": "72",
```

6. Test for get_resource method = 'GET'

I run GET on

127.0.0.1:5002/api/lahman2019clean/people?birthDay=10&birthState=CO

to find people who were born on 10th and born in state CO.


Params ●
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
○ none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL BETA
Body Cookies Headers (4) Test Results
Pretty Raw Preview Visualize BETA JSON
Send
Save

GET 127.0.0.1:5002/api/lahman2019clean/people?birthDay=10&birthState=CO

Body: ● none

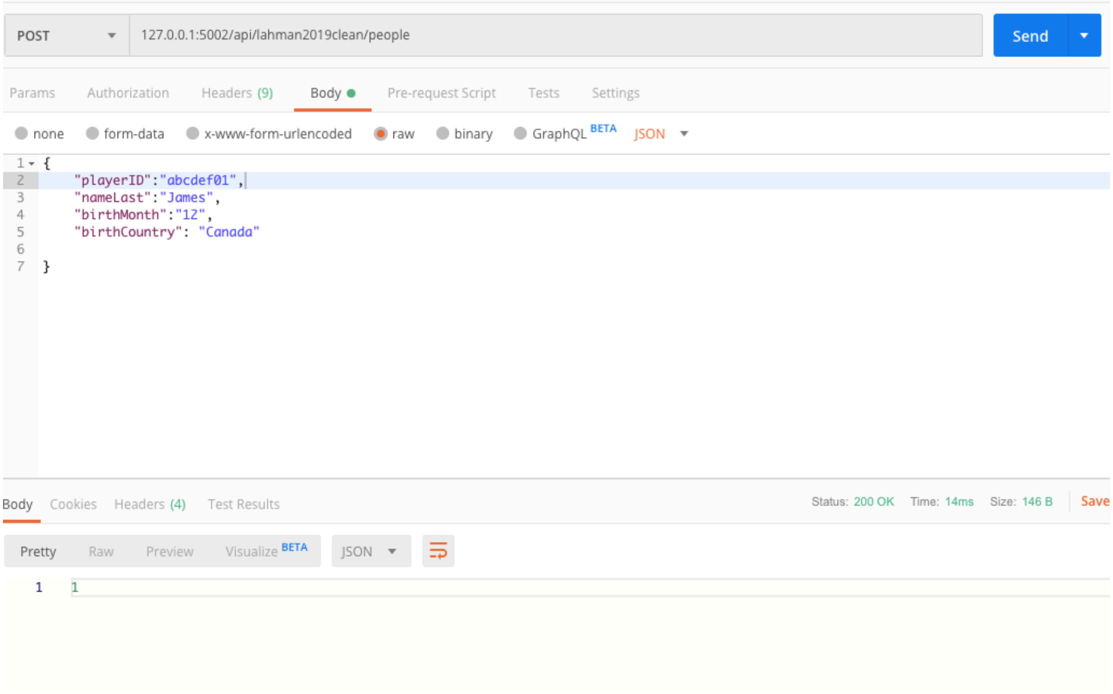
This request does not have a body

Status: 200 OK Time: 74ms Size: 1.78 KB

```
[
    {
        "playerID": "eglofbr01",
        "birthYear": "1965",
        "birthMonth": "4",
        "birthDay": "10",
        "birthCountry": "USA",
        "birthState": "CO",
        "birthCity": "Denver",
        "deathYear": null,
        "deathMonth": null,
        "deathDay": null,
        "deathCountry": "",
        "deathState": "",
        "deathCity": "",
        "nameFirst": "Bruce",
        "nameLast": "Egloff",
        "nameGiven": "Bruce Edward",
        "weight": 215,
        "height": "74",
```

7. Test for get_resource method = ‘POST’

I run POST on 127.0.0.1:5002/api/lahman2019clean/people to insert him in the people table.


Params
Authorization
Headers (9)
Body ●
Pre-request Script
Tests
Settings
○ none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL BETA
Body Cookies Headers (4) Test Results
Pretty Raw Preview Visualize BETA JSON
Send
Save

POST 127.0.0.1:5002/api/lahman2019clean/people

Body: ● raw JSON

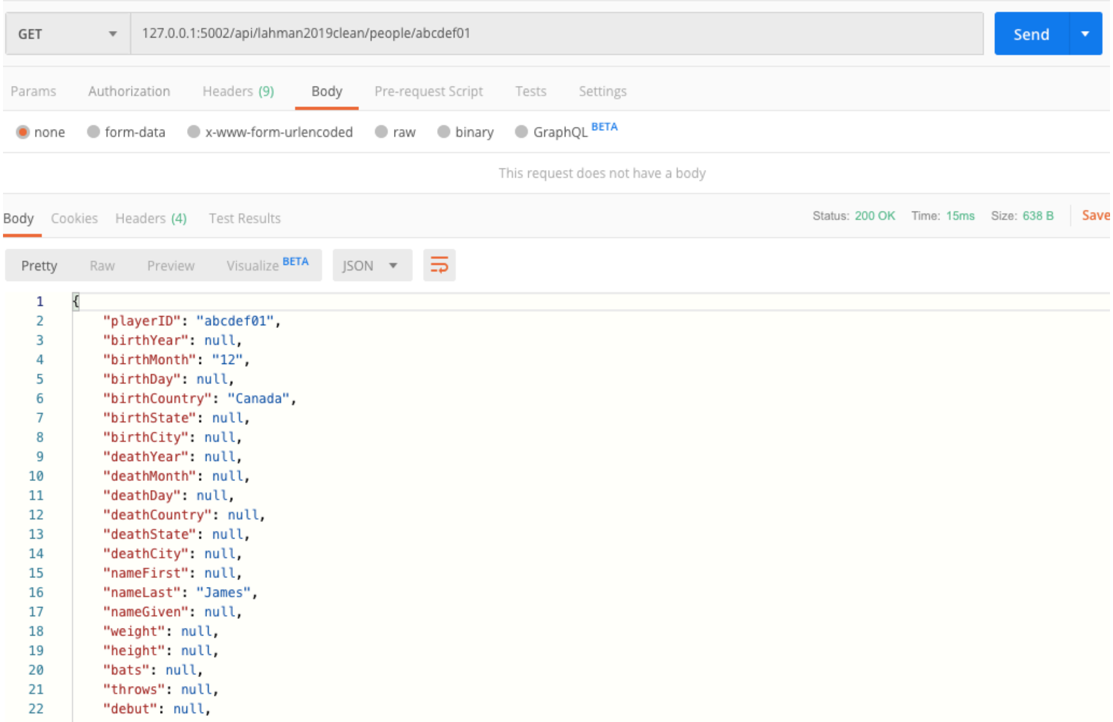
```
{
    "playerID":"abcdef01",
    "nameLast":"James",
    "birthMonth":"12",
    "birthCountry": "Canada"

}
```

Status: 200 OK Time: 14ms Size: 146 B

```
1
```

Then I run GET on 127.0.0.1:5002/api/lahman2019clean/people/abcdef01

To make sure I have posted it in the table



127.0.0.1:5002/api/lahman2019clean/people/abcdef01

This request does not have a body

Status: 200 OK Time: 15ms Size: 638 B

```
{
    "playerID": "abcdef01",
    "birthYear": null,
    "birthMonth": "12",
    "birthDay": null,
    "birthCountry": "Canada",
    "birthState": null,
    "birthCity": null,
    "deathYear": null,
    "deathMonth": null,
    "deathDay": null,
    "deathCountry": null,
    "deathState": null,
    "deathCity": null,
    "nameFirst": null,
    "nameLast": "James",
    "nameGiven": null,
    "weight": null,
    "height": null,
    "bats": null,
    "throws": null,
    "debut": null,
```