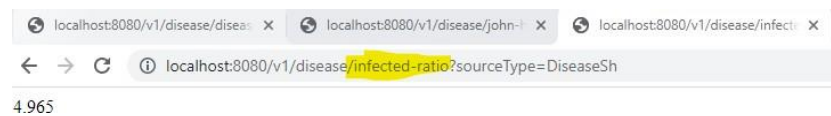
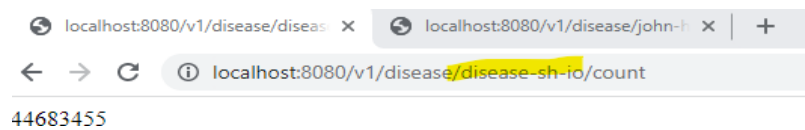


Project Link : <https://github.com/KarthikJagadishMS/Patterns>

Browser Based Result(John Hopkins):



Browser Based Result(Disease Sh):

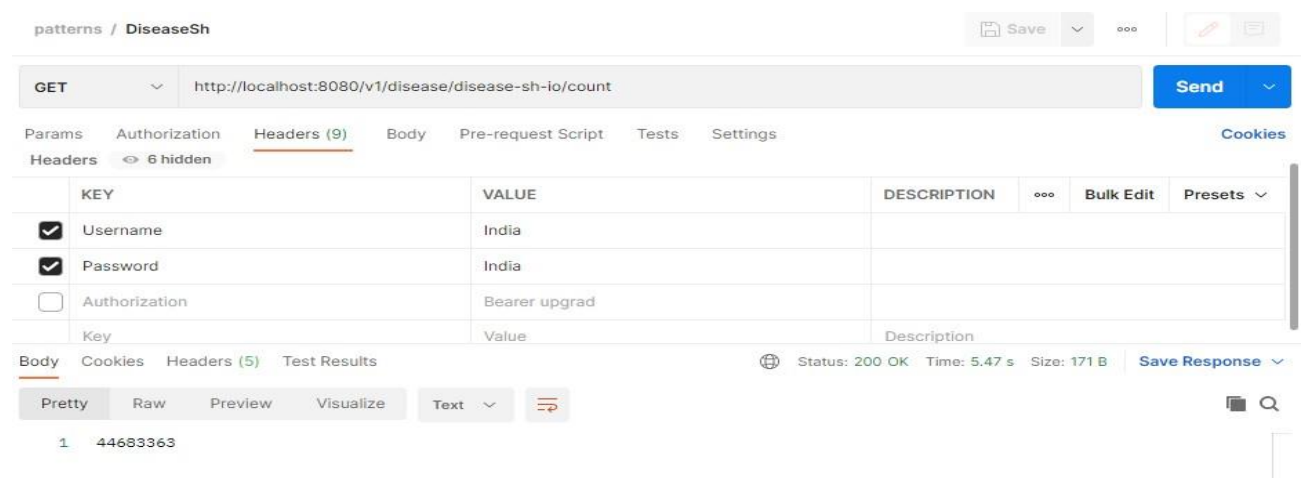


Post-Man Tool Based Validations

DiseaseSh:

Case 1: Basic Authentication:

EndPoint GET <http://localhost:8080/v1/disease/disease-sh-io/count>



Case 2 :Bearer Token:

GET JohnHopkins GET DiseaseSh GET Infected Ratio + ... No Environment

patterns / DiseaseSh Save ...

GET http://localhost:8080/v1/disease/disease-sh-io/count Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input type="checkbox"/>	Username	India				
<input type="checkbox"/>	Password	India				
<input checked="" type="checkbox"/>	Authorization	Bearer upgrad				
	Key	Value	Description			

Body Cookies Headers (5) Test Results Status: 200 OK Time: 1059 ms Size: 171 B Save Response

Pretty Raw Preview Visualize Text

1 44683363

JohnHopkins:

EndPoint GET <http://localhost:8080/v1/disease/john-hopkins/count>

Case 1: Basic Authentication

GET JohnHopkins X GET DiseaseSh GET Infected Ratio + ... No Environment

patterns / JohnHopkins Save ...

GET http://localhost:8080/v1/disease/john-hopkins/count Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Username	India				
<input checked="" type="checkbox"/>	Password	India				
<input type="checkbox"/>	Authorization	Bearer upgrad				
	Key	Value	Description			

Body Cookies Headers (5) Test Results Status: 200 OK Time: 2.01 s Size: 171 B Save Response

Pretty Raw Preview Visualize Text

1 44684587

Case 2 Bearer Token:

patterns / JohnHopkins

GET http://localhost:8080/v1/disease/john-hopkins/count Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input type="checkbox"/>	Username	India				
<input type="checkbox"/>	Password	India				
<input checked="" type="checkbox"/>	Authorization	Bearer upgrad				
	Key	Value	Description			

body Cookies Headers (5) Test Results Status: 200 OK Time: 1475 ms Size: 171 B Save Response

Pretty Raw Preview Visualize Text

1 44684587

Infected Ratio:

Endpoint <http://localhost:8080/v1/disease/infected-ratio?sourceType=DiseaseSh>

Case 1: Basic Authentication

patterns / Infected Ratio

GET http://localhost:8080/v1/disease/infected-ratio?sourceType=DiseaseSh Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Username	India				
<input checked="" type="checkbox"/>	Password	India				
<input type="checkbox"/>	Authorization	Bearer upgrad				
	Key	Value	Description			

Body Cookies Headers (5) Test Results Status: 200 OK Time: 952 ms Size: 168 B Save Response

Pretty Raw Preview Visualize Text

1 4.965

Case 2: Bearer Token:

patterns / Infected Ratio

GET http://localhost:8080/v1/disease/infected-ratio?sourceType=DiseaseSh Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input type="checkbox"/>	Username	India				
<input type="checkbox"/>	Password	India				
<input checked="" type="checkbox"/>	Authorization	Bearer upgrad				
	Key	Value	Description			

body Cookies Headers (5) Test Results Status: 200 OK Time: 508 ms Size: 168 B Save Response

Pretty Raw Preview Visualize Text

```
1 4.965
```

Authentications Tests Scenarios and Edge Cases:

Case 1 : No Authentications and Authorization Headers

Scratch Pad New Import Overview GET DiseaseSh GET JohnHopkins + ... No Environment

collections

- > backendTest
- > bookmyconsultation
- > LoadTest
- > New Collection

Environments

- patterns
 - GET DiseaseSh
 - GET JohnHopkins
 - GET Infected Ratio

Mock Servers

- > Server Sent Events
- > Server Sent Events JDBC
- > SocialMedia
- > sweet-home-booking

History

patterns / DiseaseSh

GET http://localhost:8080/v1/disease/disease-sh-io/count Send

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

Type Basic Auth

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username TestUser@TestUser.com

Password

☐ Show Password

body Cookies Headers (5) Test Results Status: 401 Unauthorized Time: 23 ms Size: 309 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "timestamp": "2023-04-04T17:05:42.479+00:00",
3   "status": 401,
4   "error": "Unauthorized",
5   "message": "",
6   "path": "/v1/disease/disease-sh-io/count"
7 }
```

Case 2 : Invalid UserName and Password

The screenshot shows a Postman interface for a GET request to `http://localhost:8080/v1/disease/disease-sh-io/count`. The request is configured with the following headers:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Username	Invalid	
<input checked="" type="checkbox"/> Password	Invalid	
<input type="checkbox"/> Authorization	Bearer upgrad1	

The response status is **401 Unauthorized** with a time of 88 ms and size of 309 B. The response body is shown in JSON format:

```
1 {
2   "timestamp": "2023-04-04T17:09:35.896+00:00",
3   "status": 401,
4   "error": "Unauthorized",
5   "message": "",
6   "path": "/v1/disease/disease-sh-io/count"
7 }
```

Case 3 : Invalid Token

The screenshot shows a Postman interface for a GET request to `http://localhost:8080/v1/disease/disease-sh-io/count`. The request is configured with the following headers:

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> Username	Invalid	
<input type="checkbox"/> Password	Invalid	
<input checked="" type="checkbox"/> Authorization	Bearer upgrad1	
Key	Value	Description

The response status is **401 Unauthorized** with a time of 136 ms and size of 309 B. The response body is shown in JSON format:

```
1 {
2   "timestamp": "2023-04-04T17:04:05.466+00:00",
3   "status": 401,
4   "error": "Unauthorized",
5   "message": "",
6   "path": "/v1/disease/disease-sh-io/count"
7 }
```