

Work Distribution

1. Bindya Biju

Student ID - 100886575

Email - bindia.biju@dcmail.ca

- Creating Database
- Creating Basic Flask App
- Create

2. Abhishek

Student ID - 100856936

Email - abishek.kailasam@dcmail.ca

- Read
- Update
- Delete

3. Sanath Davis

Student ID - 100884693

Email - sanath.davis@dcmail.ca

- Show all records
- Presentation (Postman/Website)
- Put your app in git repo

Test 1

GET

⌵

http://127.0.0.1:5000

Send

⌵

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	⋮	Bulk Edit
	Key	Value	Description		

Body

Cookies

Headers (5)

Test Results

🌐 200 OK 8 ms 186 B

Save Response

⌵

Pretty

Raw

Preview

Visualize

HTML

⌵

⌵

1

Hello, World!

Test 2

GET

http://127.0.0.1:5000/test

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

Body

Cookies

Headers (5)

Test Results

200 OK

8 ms

177 B

Save Response

Pretty

Raw

Preview

Visualize

HTML

1 Test!

CREATE

POST



http://127.0.0.1:5000/students

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1 {  
2   ... "first_name": "John",  
3   ... "last_name": "Doe",  
4   ... "dob": "2000-01-01",  
5   ... "amount_due": 1000.0  
6 }  
7
```

Body Cookies Headers (5) Test Results

Pretty

Raw

Preview

Visualize

JSON ▼



```
1 {  
2   "success": true  
3 }
```

POST http://127.0.0.1:5000/students

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

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▼

```
1  {
2    "first_name": "Gerard",
3    "last_name": "Fitter",
4    "dob": "2015-01-01",
5    "amount_due": 1000.0
6  }
```

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON ▼ ↺

```
1  {
2    "success": true
3  }
```

READ

The screenshot displays a REST client interface. At the top, a **GET** request is configured to `http://127.0.0.1:5000/students/2`. The **Body** tab is selected, showing a JSON payload: `{ "amount_due": 500.0 }`. Below this, the **Test Results** section shows the response body in **Pretty** format, displaying a JSON object with the following fields: `"amount_due": 3000.0`, `"dob": "2012-01-01"`, `"first_name": "Sanath"`, `"last_name": "Davis"`, and `"student_id": 2`. Blue hand-drawn circles highlight the **GET** method, the URL, and the response body in the Pretty view.

Request:

- Method: GET
- URL: `http://127.0.0.1:5000/students/2`
- Body:

```
{ 1 { 2   "amount_due": 500.0 3 } 4 }
```

Response:

- Body (Pretty):

```
1 { 2   "amount_due": 3000.0, 3   "dob": "2012-01-01", 4   "first_name": "Sanath", 5   "last_name": "Davis", 6   "student_id": 2 7 }
```

UPDATE

PUT

▼

http://127.0.0.1:5000/students/2

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON ▼

```
1 {
2   ... "amount_due": 0.0,
3   ... "dob": "2000-01-01",
4   ... "first_name": "Sanath",
5   ... "last_name": "Davis",
6   ... "student_id": 2
7 }
```

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON ▼

≡ ↺

```
1 {
2   "success": true
3 }
```

After Update

GET

⌵

http://127.0.0.1:5000/students/2

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON

⌵

≡↻

1

{

2

"amount_due": 0.0,

3

"dob": "2000-01-01",

4

"first_name": "Sanath",

5

"last_name": "Davis",

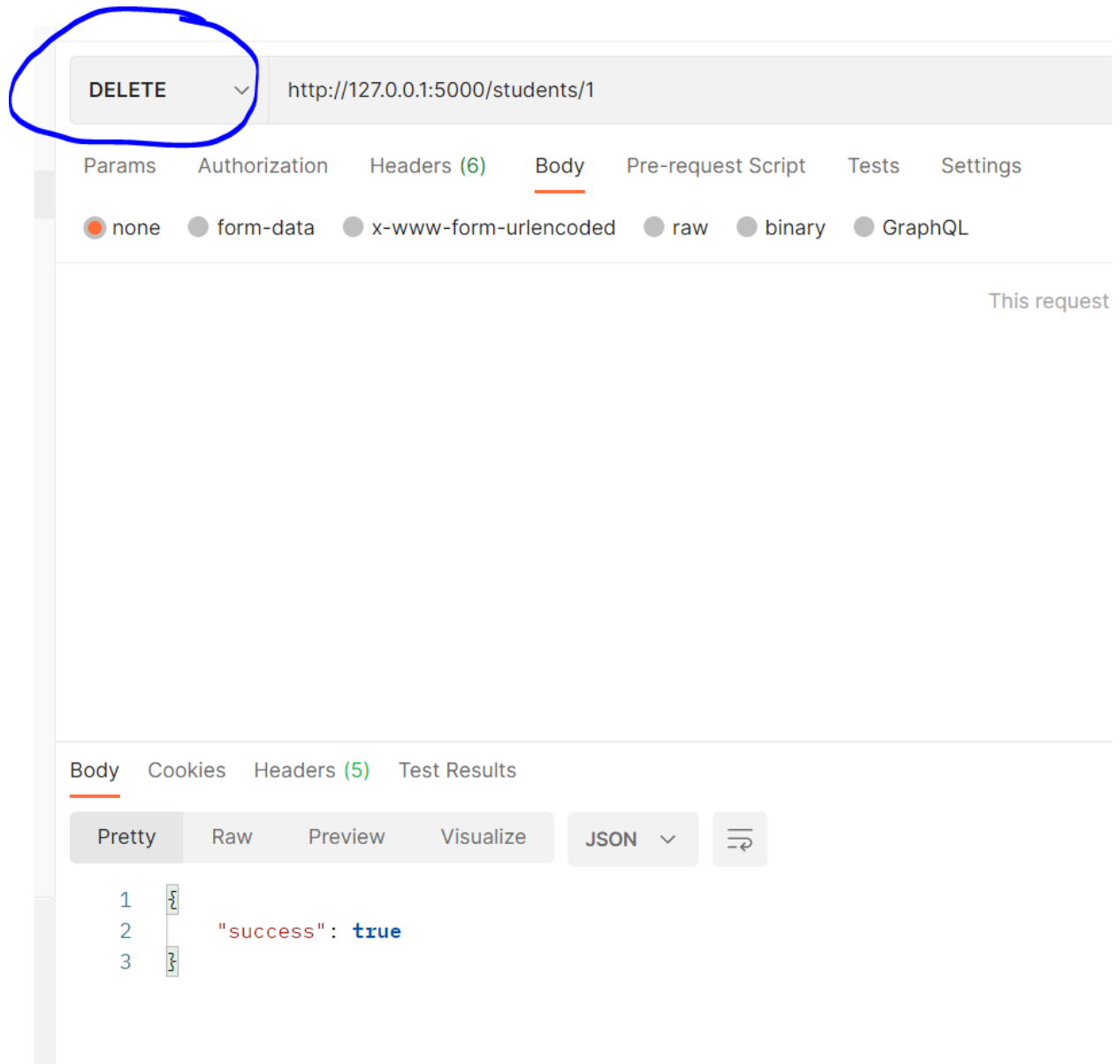
6

"student_id": 2

7

}

DELETE



After delete

GET

⌵

http://127.0.0.1:5000/students

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

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

This re

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON⌵⌵

```
1  [
2    {
3      "amount_due": 3000.0,
4      "dob": "2012-01-01",
5      "first_name": "Sanath",
6      "last_name": "Davis",
7      "student_id": 2
8    },
9    {
10     "amount_due": 1000.0,
11     "dob": "2015-01-01",
12     "first_name": "Gerard",
13     "last_name": "Fitter",
14     "student_id": 3
15  }
```

READ ALL

GET

⌵

http://127.0.0.1:5000/students

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON ⌵

≡

```
1  [
2    {
3      "amount_due": 3000.0,
4      "dob": "2012-01-01",
5      "first_name": "Sanath",
6      "last_name": "Davis",
7      "student_id": 2
8    },
9    {
10     "amount_due": 1000.0,
11     "dob": "2015-01-01",
12     "first_name": "Gerard",
13     "last_name": "Fitter",
14     "student_id": 3
15  }
```

