

## Hasil SS Modul di Postman

Programs :

Insert Programs :

The screenshot displays the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar and utility buttons like 'Invite', 'Upgrade', and 'No Environment' are also present. The left sidebar shows a collection named 'API-IBIK' with a sub-collection 'Programs'. The 'Programs' sub-collection contains several GET requests: 'GET Insert Programs', 'GET Update Programs', 'GET Find By ID', 'GET Find All Programs', and 'GET Delete Programs'. The main workspace shows a 'POST' request to 'localhost:8080/api/programs'. The request body is a JSON object: 

```
{  "name": "Doctor",  "description": "S3",  "is_active": 1}
```

. The response is displayed in the 'Body' tab, showing a successful status of 200 OK with a response time of 186 ms and a size of 224 B. The response body is a JSON object: 

```
{  "id": 5,  "name": "Doctor",  "description": "S3",  "is_active": true}
```

. The bottom status bar shows 'Online', 'Find and Replace', 'Console', 'Cookies', 'Capture requests', 'Bootcamp', 'Runner', 'Trash', and a help icon.

## Update Programs :

The screenshot shows the Postman interface with a PUT request to `localhost:8080/api/programs`. The request body is a JSON object: `{ "id": 5, "name": "Professor", "description": "S3+", "is_active": true }`. The response status is 200 OK, and the response body is the same JSON object.

API-IBIK / Programs / Update Programs

PUT `localhost:8080/api/programs` [Send](#)

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings [Cookies](#) [Beautify](#)

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL [JSON](#)

```
1 {
2   "id": 5,
3   "name": "Professor",
4   "description": "S3+",
5   "is_active": true
6 }
```

Body Cookies Headers (5) Test Results [Save Response](#)

Pretty Raw Preview Visualize [JSON](#)

```
1 {
2   "id": 5,
3   "name": "Professor",
4   "description": "S3+",
5   "is_active": true
6 }
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash

## Find By ID :

The screenshot shows the Postman interface with a GET request to `localhost:8080/api/programs/5`. The response status is 200 OK, and the response body is a JSON object: `{ "id": 5, "name": "Professor", "description": "S3+", "is_active": true }`.

API-IBIK / Programs / Find By ID

GET `localhost:8080/api/programs/5` [Send](#)

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

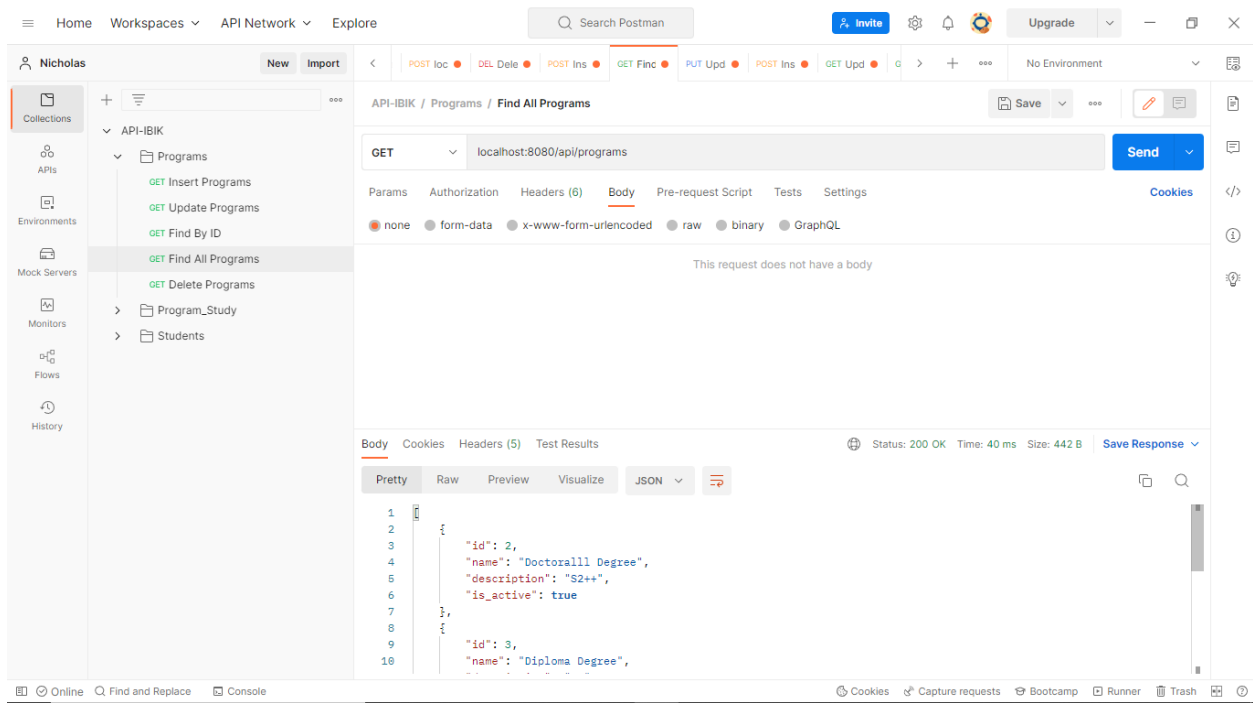
Body Cookies Headers (5) Test Results [Save Response](#)

Pretty Raw Preview Visualize [JSON](#)

```
1 {
2   "id": 5,
3   "name": "Professor",
4   "description": "S3+",
5   "is_active": true
6 }
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash

## Find All Programs :



API-IBIK / Programs / Find All Programs

GET localhost:8080/api/programs

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

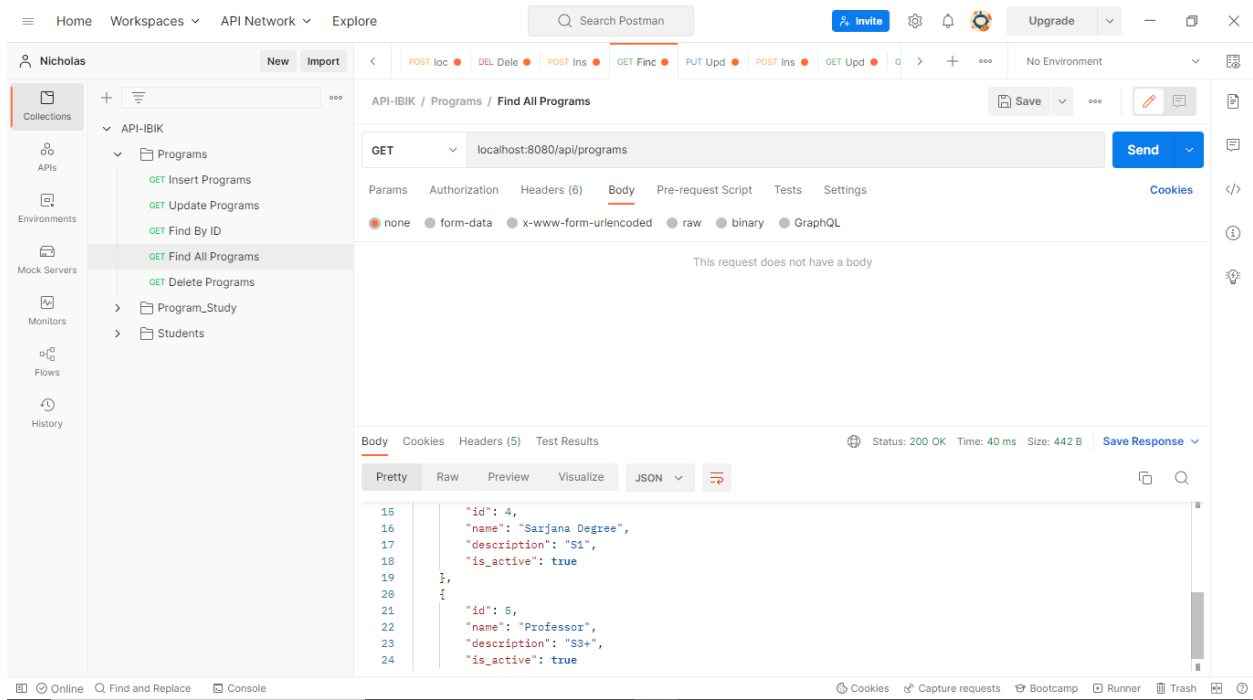
none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Status: 200 OK Time: 40 ms Size: 442 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "name": "Doctoralll Degree",
4   "description": "S2++",
5   "is_active": true
6 },
7 {
8   "id": 3,
9   "name": "Diploma Degree",
10  }
```



API-IBIK / Programs / Find All Programs

GET localhost:8080/api/programs

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

Status: 200 OK Time: 40 ms Size: 442 B Save Response

Pretty Raw Preview Visualize JSON

```
15 {
16   "id": 4,
17   "name": "Sarjana Degree",
18   "description": "S1",
19   "is_active": true
20 },
21 {
22   "id": 5,
23   "name": "Professor",
24   "description": "S3+",
25   "is_active": true
26 }
```

## Delete Programs :

The screenshot shows the Postman interface with a DELETE request configured. The request is sent to the endpoint `localhost:8080/api/programs/5`. The response status is 200 OK, indicating a successful deletion. The response body is empty.

KEY	VALUE	DESCRIPTION
Key	Value	Description

```
1
```

## Program Study :

### Insert Program Study :

The screenshot shows the Postman interface with a POST request configured. The request is sent to the endpoint `localhost:8080/api/program_study`. The request body is a JSON object representing a program study. The response is a JSON object with an `id` field.

```
1 {
2   "name": "Pemasaran Digital",
3   "description": "S1",
4   "code": "TIPD",
5   "program_id": 200392095,
6   "faculty_id": 200296029,
7   "department_id": 20296022,
8   "is_active": 1
9 }
```

```
1 {
2   "id": 4,
3   "name": "Pemasaran Digital",
4   "description": "S1",
5   "code": "TIPD",
6   "program_id": 200392095,
7   "faculty_id": 200296029,
8   "department_id": 20296022,
9   "is_active": true
10 }
```

## Update Program Study :

The screenshot shows the Postman interface with a PUT request to `localhost:8080/api/program_study`. The request body is a JSON object with the following fields:

```
1 {
2   "id": 1,
3   "name": "Pemograman Perangkat Bergerak",
4   "description": "S1",
5   "code": "TIPPB",
6   "program_id": 28989252,
7   "faculty_id": 12358955,
8   "department_id": 628522433,
9   "is_active": 1
10 }
```

The response is shown in the 'Body' tab, displaying the same JSON object with `"is_active": true`.

KEY	VALUE	DESCRIPTION
Key	Value	Description

## Find By ID :

The screenshot shows the Postman interface with a GET request to `localhost:8080/api/program_study/1`. The request is a simple GET request with no body. The response is shown in the 'Body' tab, displaying the same JSON object as in the previous screenshot.

KEY	VALUE	DESCRIPTION
Key	Value	Description

## Find All Program Study :

API-IBIK / Program\_Study / Find All Program\_Study

GET localhost:8080/api/program\_study

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 37 ms Size: 819 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "name": "Pemograman Perangkat Bergerak",
4   "description": "S1",
5   "code": "TIIPB",
6   "program_id": 20969252,
7   "faculty_id": 12350955,
8   "department_id": 628522433,
9   "is_active": true
10 }
```

API-IBIK / Program\_Study / Find All Program\_Study

GET localhost:8080/api/program\_study

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 37 ms Size: 819 B Save Response

Pretty Raw Preview Visualize JSON

```
12 {
13   "id": 2,
14   "name": "Mikrokontroler",
15   "description": "S1",
16   "code": "TIIMKR",
17   "program_id": 2085325325,
18   "faculty_id": 201626244,
19   "department_id": 236029620,
20   "is_active": true
21 },
22 }
```

Home Workspaces API Network Explore Search Postman Invite Upgrade

Nicholas New Import

API-IBIK / Program\_Study / Find All Program\_Study

GET localhost:8080/api/program\_Study Send

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 37 ms Size: 819 B Save Response

Pretty Raw Preview Visualize JSON

```
23 {
24   "id": 3,
25   "name": "Teknik Animasi dan Multimedia",
26   "description": "S1",
27   "code": "TITAM",
28   "program_id": 200901591,
29   "faculty_id": 200239502,
30   "department_id": 220350208,
31   "is_active": true
32 }
33
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash

## Delete Program Study :

Home Workspaces API Network Explore Search Postman Invite Upgrade

Nicholas New Import

API-IBIK / Program\_Study / Delete Program\_Study

DELETE localhost:8080/api/program\_Study/4 Send

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 150 ms Size: 123 B Save Response

Pretty Raw Preview Visualize Text

```
1
```

Online Find and Replace Console Cookies Capture requests Bootcamp Runner Trash

Students :

Insert Students :

Postman interface showing a successful POST request to `localhost:8080/apl/students`. The request body is a JSON object with the following fields:

```
1 {
2   "npm": "282310855",
3   "firstname": "Andi",
4   "middlename": "Pramana",
5   "lastname": "Mulia",
6   "program_id": "230590223",
7   "department_id": "235395395"
8 }
```

The response is a JSON object with the following fields:

```
1 {
2   "id": 3,
3   "npm": "282310855",
4   "firstname": "Andi",
5   "middlename": "Pramana",
6   "lastname": "Mulia",
7   "program_id": "230590223",
8   "department_id": "235395395"
9 }
```

Status: 200 OK, Time: 32 ms, Size: 300 B

Update Students :

Postman interface showing a successful PUT request to `localhost:8080/apl/students`. The request body is a JSON object with the following fields:

```
1 {
2   "id": 3,
3   "npm": "282310899",
4   "firstname": "Andi",
5   "middlename": "Pramana",
6   "lastname": "Gibran",
7   "program_id": "234567",
8   "department_id": "677775444"
9 }
```

The response is a JSON object with the following fields:

```
1 {
2   "id": 3,
3   "npm": "282310899",
4   "firstname": "Andi",
5   "middlename": "Pramana",
6   "lastname": "Gibran",
7   "program_id": "234567",
8   "department_id": "677775444"
9 }
```

Status: 200 OK, Time: 73 ms, Size: 298 B



## Find By ID :

The screenshot shows the Postman interface with a collection named 'API-IBIK' expanded to show a folder 'Students'. The 'Find By ID' endpoint is selected. The request is a GET method to 'localhost:8080/api/students/3'. The response status is 200 OK, and the body is a JSON object representing a student.

**Request:**

```
GET localhost:8080/api/students/3
```

**Response Body:**

```
{
  "id": 3,
  "npm": "202310090",
  "firstname": "Andi",
  "middlename": "Pramana",
  "lastname": "Gibran",
  "program_id": 234567,
  "department_id": 67775444
}
```

## Find All Students :

The screenshot shows the Postman interface with the same 'API-IBIK' collection expanded to the 'Students' folder. The 'Find All Students' endpoint is selected. The request is a GET method to 'localhost:8080/api/students'. The response status is 200 OK, and the body is a JSON array of student objects.

**Request:**

```
GET localhost:8080/api/students
```

**Response Body:**

```
[
  {
    "id": 1,
    "npm": "202310077",
    "firstname": "Nicholas",
    "middlename": "Zord",
    "lastname": "Fico",
    "program_id": 205093502,
    "department_id": 303295002
  }
]
```

Home Workspaces API Network Explore Search Postman Invite Upgrade

Nicholas New Import

API-IBIK / Students / Find All Students Save

GET localhost:8080/api/students Send

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 56 ms Size: 576 B Save Response

Pretty Raw Preview Visualize JSON

```
11 {
12   "id": 2,
13   "npm": "202310060",
14   "firstname": "Budi",
15   "middlename": "Setia",
16   "lastname": "Selamanya",
17   "program_id": 203058203,
18   "department_id": 238502856
19 }
20 {
21   "id": 3,
```

Home Workspaces API Network Explore Search Postman Invite Upgrade

Nicholas New Import

API-IBIK / Students / Find All Students Save

GET localhost:8080/api/students Send

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 56 ms Size: 576 B Save Response

Pretty Raw Preview Visualize JSON

```
20 {
21   "id": 3,
22   "npm": "202310090",
23   "firstname": "Andi",
24   "middlename": "Pramana",
25   "lastname": "Gibran",
26   "program_id": 234567,
27   "department_id": 677775444
28 }
29 }
```

## Delete Students :

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. The user profile 'Nicholas' is shown on the left. The main workspace is titled 'API-IBIK / Students / Delete Students'. The request method is set to 'DELETE' and the URL is 'localhost:8080/api/students/3'. The 'Send' button is visible. Below the URL bar, tabs for 'Params', 'Authorization', 'Headers (6)', 'Body', 'Pre-request Script', 'Tests', and 'Settings' are shown. The 'Query Params' section contains a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The 'Body' section is currently selected, showing a status of '200 OK', time of '32 ms', and size of '123 B'. The response body is displayed in 'Pretty' format, showing the number '1'. The left sidebar shows a collection of API endpoints under 'API-IBIK', including 'Programs', 'Program\_Study', and 'Students'. The 'Students' collection is expanded, showing endpoints like 'Insert Students', 'Update Students', 'Find By ID', 'Find All Students', and 'Delete Students'. The bottom status bar includes 'Online', 'Find and Replace', 'Console', 'Cookies', 'Capture requests', 'Bootcamp', 'Runner', 'Trash', and a help icon.

API-IBIK / Students / Delete Students

DELETE localhost:8080/api/students/3

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

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 32 ms Size: 123 B Save Response

Pretty Raw Preview Visualize Text

1