

TUGAS 3

FUNCTION CRUD



DOSEN

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TEKNOLOGI INFORMASI
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Tabel Program Study

Insert :

The screenshot displays a web application interface on the left and a Postman API client on the right. The web application shows the 'program_study' table with one record: 'Teknologi Informasi S1' with code 'TI-PA'. The Postman client shows a POST request to 'localhost:8080/api/program_study' with a JSON body containing the details of the new record being inserted.

Web Application Interface:

- URL: localhost / 127.0.0.1 / ibik_api_ac
- Database: ibik_api_academic
- Table: program_study
- Query: `SELECT * FROM `program_study``
- Results: Showing rows 0 - 1 (2 total, Query took 0.0006 seconds.)
- Table Data:

id	name	description	code	program_id	faculty_id	department_id	is_active
2	Teknologi Informasi	S1	TI-PA	1	1	1	1

Postman API Client:

- Workspace: API-IBIK / Program Study / Insert Programs
- Method: POST
- URL: localhost:8080/api/program_study
- Body (JSON):

```
{
  "id": 2,
  "name": "Teknologi Informasi",
  "description": "S1",
  "code": "TI-PA",
  "program_id": 1,
  "faculty_id": 2,
  "department_id": 1,
  "is_active": 1
}
```

Status: 200 OK, Time: 295 ms, Size: 300 B

Update :

The screenshot displays a web application interface on the left and a Postman API client on the right. The web application shows the 'program_study' table with three records. The Postman client shows a PUT request to 'localhost:8080/api/program_study' with a JSON body containing the details of the record being updated.

Web Application Interface:

- URL: localhost / 127.0.0.1 / ibik_api_ac
- Database: ibik_api_academic
- Table: program_study
- Query: `SELECT * FROM `program_study``
- Results: Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.)
- Table Data:

id	name	description	code	program_id	faculty_id	department_id	is_active
1	Sistem Informasi	S1	SI-PA	1	2	1	1
2	Teknologi Informasi	S1	TI-PA	1	2	1	1
3	Parwisata	S1	PR-PA	1	2	1	1

Postman API Client:

- Workspace: API-IBIK / Program Study / Update Programs
- Method: PUT
- URL: localhost:8080/api/program_study
- Body (JSON):

```
{
  "id": 1,
  "name": "Sistem Informasi",
  "description": "S1",
  "code": "SI-PA",
  "program_id": 1,
  "faculty_id": 2,
  "department_id": 1,
  "is_active": 1
}
```

Status: 200 OK, Time: 25 ms, Size: 297 B

Find All :

localhost / 127.0.0.1 / ibik_api_ac...
admin/index.php?route=/sql&db=ibik_api_academic&table=program_study&pos=0

Server: 127.0.0.1 » Database: ibik_api_academic » Table: program_study

Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.)

SELECT * FROM `program_study`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	name	description	code	program_id	faculty_id	department_id	is_active				
<input type="checkbox"/>	Edit	Copy	Delete	1	Sistem Informasi	S1	SI-PA	1	2	1	1	1
<input type="checkbox"/>	Edit	Copy	Delete	2	Teknologi Informasi	S1	TI-PA	1	2	1	1	1
<input type="checkbox"/>	Edit	Copy	Delete	3	Pariwisata	S1	PR-PA	1	2	1	1	1

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Workspaces API Network Explore

Search Postman

Invite Upgrade

API-IBIK / Program Study / Find All Programs

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: 24 ms Size: 564 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "name": "Sistem Informasi",
4   "description": "S1",
5   "code": "SI-PA",
6   "program_id": 1,
7   "faculty_id": 2,
8   "department_id": 1,
9   "is_active": true
10 }
```

Find By Id :

localhost / 127.0.0.1 / ibik_api_ac...
yadmin/index.php?route=/sql&db=ibik_api_academic&table=program_study&pos=0

Server: 127.0.0.1 » Database: ibik_api_academic » Table: program_study

Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.)

SELECT * FROM `program_study`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	name	description	code	program_id	faculty_id	department_id	is_active				
<input type="checkbox"/>	Edit	Copy	Delete	1	Sistem Informasi	S1	SI-PA	1	2	1	1	1
<input type="checkbox"/>	Edit	Copy	Delete	2	Teknologi Informasi	S1	TI-PA	1	2	1	1	1
<input type="checkbox"/>	Edit	Copy	Delete	3	Pariwisata	S1	PR-PA	1	2	1	1	1

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Workspaces API Network Explore

Search Postman

Invite Upgrade

API-IBIK / Program Study / Find Programs By Id

GET localhost:8080/api/program_study/2

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: 29 ms Size: 300 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "name": "Teknologi Informasi",
4   "description": "S1",
5   "code": "TI-PA",
6   "program_id": 1,
7   "faculty_id": 2,
8   "department_id": 1,
9   "is_active": true
10 }
```

Delete :

The screenshot displays a web application interface with two main components: a database table view on the left and an API client (Postman) on the right.

Database Table View (Left):

- URL: `localhost / 127.0.0.1 / ibik_api_ac`
- Database: `ibik_api_academic`
- Table: `program_study`
- Query: `SELECT * FROM `program_study``
- Results: Showing rows 0 - 1 (2 total, Query took 0.0023 seconds).
- Table Data:

	id	name	description	code	program_id	faculty_id	department_id	is_active
	1	Sistem Informasi	S1	SI-PA	1	2	1	1
	3	Pariwisata	S1	PR-PA	1	2	1	1

API Client (Right):

- Workspace: `API Network`
- Endpoint: `DELETE localhost:8080/api/program_study/2`
- Method: `DELETE`
- Status: `200 OK`, Time: `159 ms`, Size: `123 B`
- Body: `1`

Tabel Student

Insert :

The screenshot displays a web application interface with two main components: a database table view on the left and an API client (Postman) on the right.

Database Table View (Left):

- URL: `localhost / 127.0.0.1 / ibik_api_ac`
- Database: `ibik_api_academic`
- Table: `student`
- Query: `SELECT * FROM `student``
- Results: Showing rows 0 - 0 (1 total, Query took 0.0014 seconds).
- Table Data:

	id	npm	middlename	lastname	program_id	department_id	firstname
	1	202310021	ilham	alif	1	1	Muhammad

API Client (Right):

- Workspace: `API Network`
- Endpoint: `POST localhost:8080/api/student`
- Method: `POST`
- Status: `200 OK`, Time: `36 ms`, Size: `285 B`
- Body: `{ "id": 1, "npm": "202310021", "firstname": "Muhammad", "middlename": "ilham", "lastname": "alif", "program_id": 1, "department_id": 1 }`

Update :

The screenshot displays a web application interface for managing a database. The top section shows the database connection details: `localhost / 127.0.0.1 / ibik_api_ac`. The main content area shows the `student` table with the following data:

id	npm	middlename	lastname	program_id	department_id	firstname
1	202310021	ilham	aja	1	1	Muhammad

The SQL query used is `SELECT * FROM `student``. The API client (Postman) shows a `PUT` request to `localhost:8080/api/student` with the following JSON body:

```
{  "id": 1,  "npm": "202310021",  "firstname": "Muhammad",  "middlename": "ilham",  "lastname": "aja",  "program_id": 1,  "department_id": 1}
```

The response status is `200 OK` with a time of `54 ms` and a size of `284 B`.

Find All :

The screenshot displays the same web application interface, but now showing the `Find All` operation. The `student` table contains three rows of data:

id	npm	middlename	lastname	program_id	department_id	firstname
1	202310021	ilham	aja	1	1	Muhammad
2	202310067	kusuma	aja	1	1	Yudihistir
3	202310069	rizky	ariansyah	1	1	Irvan

The SQL query used is `SELECT * FROM `student``. The API client (Postman) shows a `GET` request to `localhost:8080/api/student` with the following JSON body:

```
{  "id": 1,  "npm": "202310021",  "firstname": "Muhammad",  "middlename": "ilham",  "lastname": "aja",  "program_id": 1,  "department_id": 1}
```

The response status is `200 OK` with a time of `24 ms` and a size of `534 B`.

Find By Id :

localhost / 127.0.0.1 / ibik_api_ac x +

admin/index.php?route=/sql&db=ibik_api_academic&table=student&pos=0

Server: 127.0.0.1 > Database: ibik_api_academic > Table: student

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)

SELECT * FROM `student`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

id npm middlename lastname program_id department_id firstname

☐ Edit ☐ Copy ☐ Delete 1 202310021 ilham aja 1 1 Muhammad

☐ Edit ☐ Copy ☐ Delete 2 202310067 kusuma aja 1 1 Yudihistir

☐ Edit ☐ Copy ☐ Delete 3 202310069 rizky ariansyah 1 1 Irvan

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Workspaces API Network Explore

Search Postman

Invite Upgrade

pace New Import

API-IBIK / Student / Find Programs By Id

GET localhost:8080/api/student/3

Send

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

Body

1

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

1 2 3 4 5 6 7 8 9

id: 3, npm: "202310069", firstname: "Irvan", middlename: "rizky", lastname: "ariansyah", program_id: 1, department_id: 1

Status: 200 OK Time: 17 ms Size: 287 B Save Response

Find and Replace Console

Cookies Capture requests Bootcamp Runner Trash

Delete :

localhost / 127.0.0.1 / ibik_api_ac x +

admin/index.php?route=/sql&db=ibik_api_academic&table=student&pos=0

Server: 127.0.0.1 > Database: ibik_api_academic > Table: student

Browse Structure SQL Search Insert Export Import Privileges

Showing rows 0 - 1 (2 total, Query took 0.0026 seconds.)

SELECT * FROM `student`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

id npm middlename lastname program_id department_id firstname

☐ Edit ☐ Copy ☐ Delete 1 202310021 ilham aja 1 1 Muhammad

☐ Edit ☐ Copy ☐ Delete 2 202310067 kusuma aja 1 1 Yudihistir

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Workspaces API Network Explore

Search Postman

Invite Upgrade

pace New Import

API-IBIK / Student / Delete Programs By Id

DELETE localhost:8080/api/student/3

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 (4) Test Results

Pretty Raw Preview Visualize Text

1

Status: 200 OK Time: 89 ms Size: 123 B Save Response

Find and Replace Console

Cookies Capture requests Bootcamp Runner Trash

