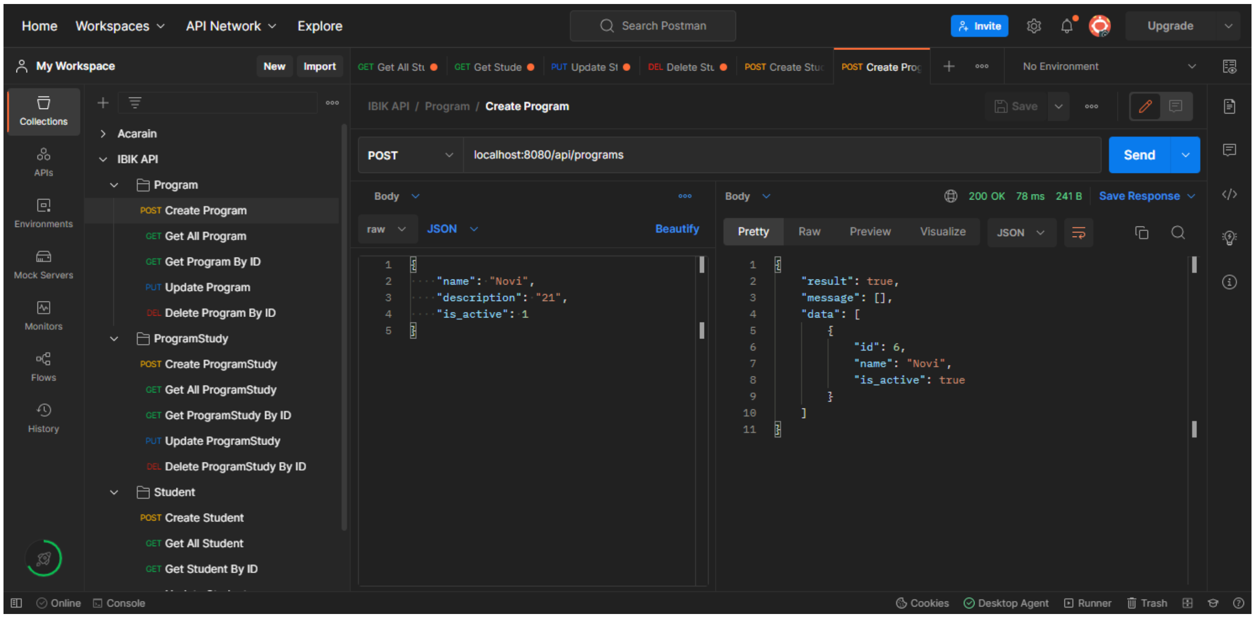
Materi 4 – Validation and Handler

Program

Create Program – Success



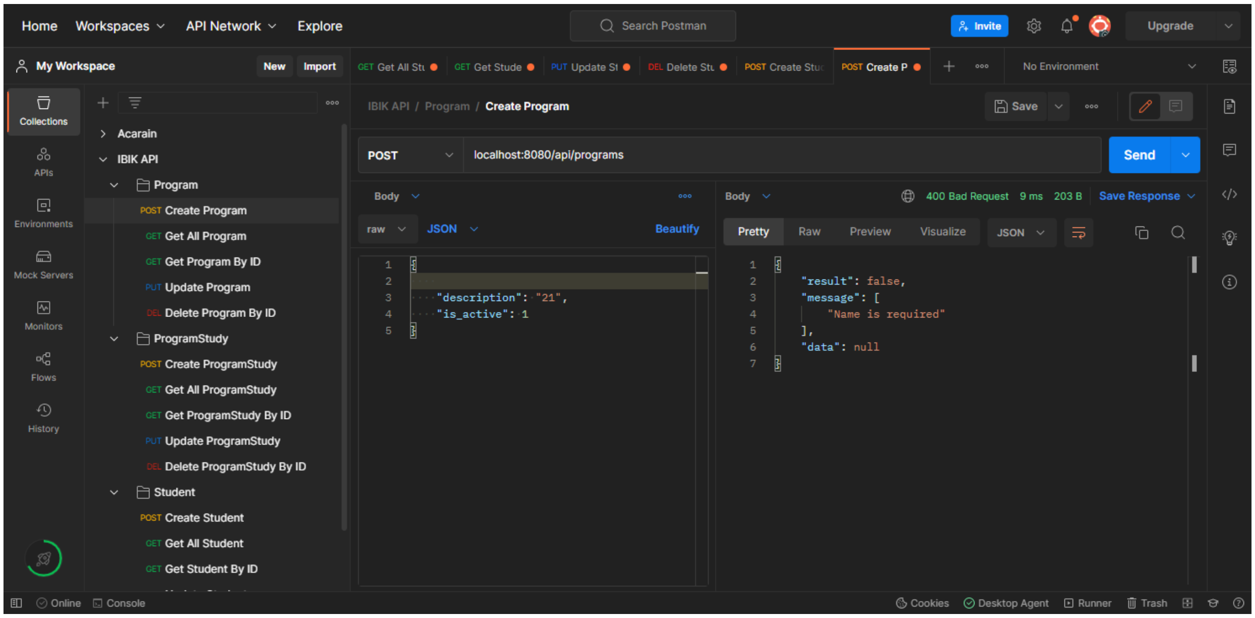
POST localhost:8080/api/programs

```
{
    "name": "Novi",
    "description": "21",
    "is_active": 1
}
```

200 OK 78 ms 241 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 6,
            "name": "Novi",
            "is_active": true
        }
    ]
}
```

Create Program – Error



POST localhost:8080/api/programs

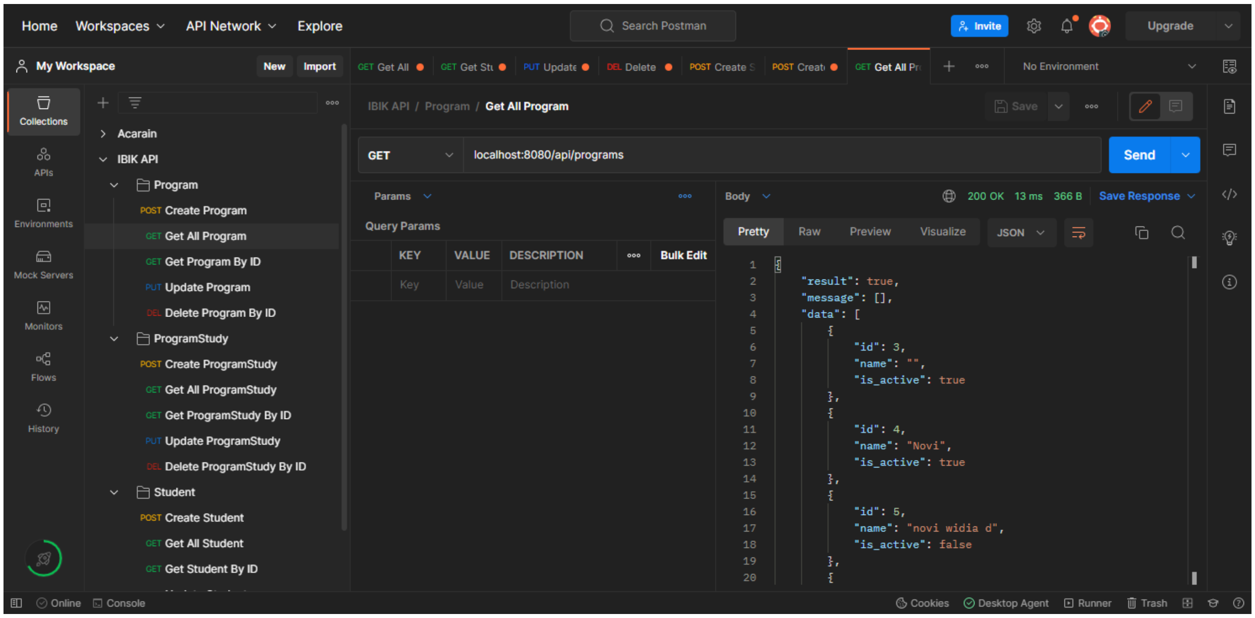
```
{

    "description": "21",
    "is_active": 1
}
```

400 Bad Request 9 ms 203 B

```
{
    "result": false,
    "message": [
        "Name is required"
    ],
    "data": null
}
```

Get All Progams

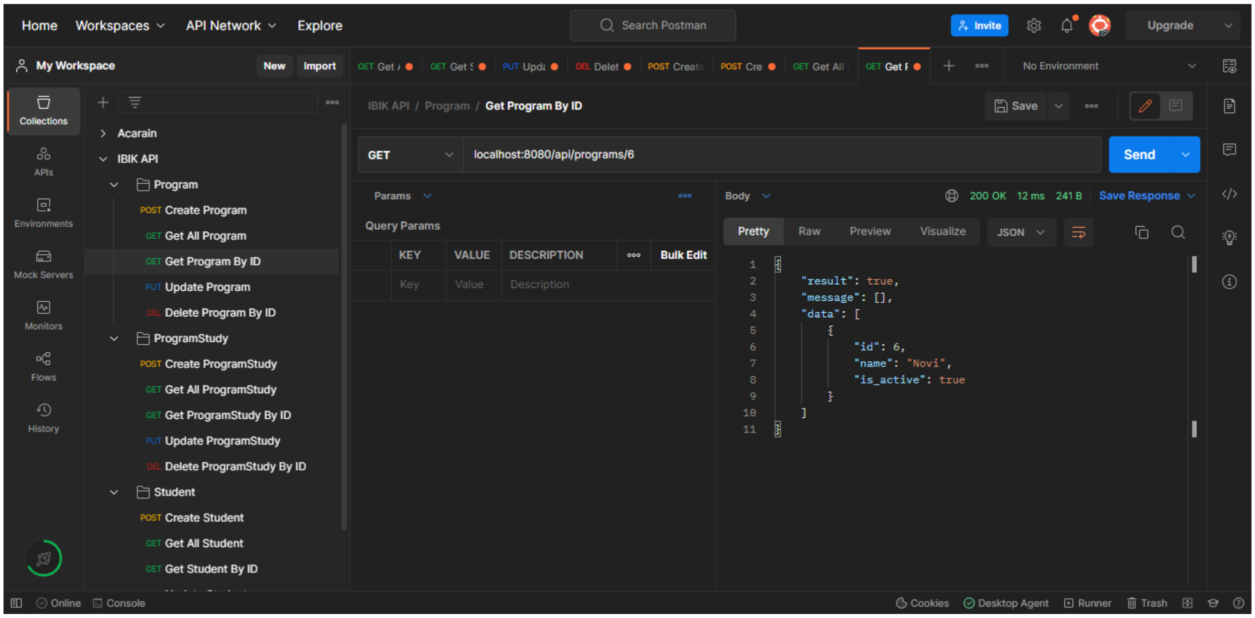


GET localhost:8080/api/programs

200 OK 13 ms 366 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 3,
            "name": "",
            "is_active": true
        },
        {
            "id": 4,
            "name": "Novi",
            "is_active": true
        },
        {
            "id": 5,
            "name": "novi widia d",
            "is_active": false
        },
        {
```

Get Program By Id – Success

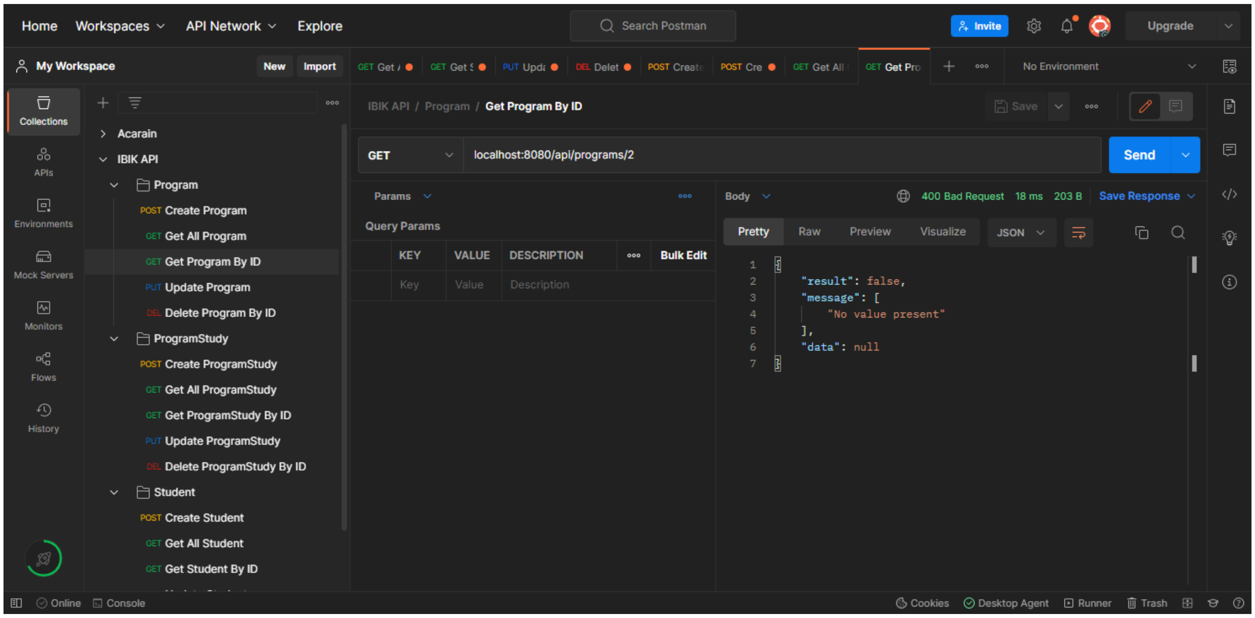


GET localhost:8080/api/programs/6

200 OK 12 ms 241 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 6,
            "name": "Novi",
            "is_active": true
        }
    ]
}
```

Get Program By Id – Error

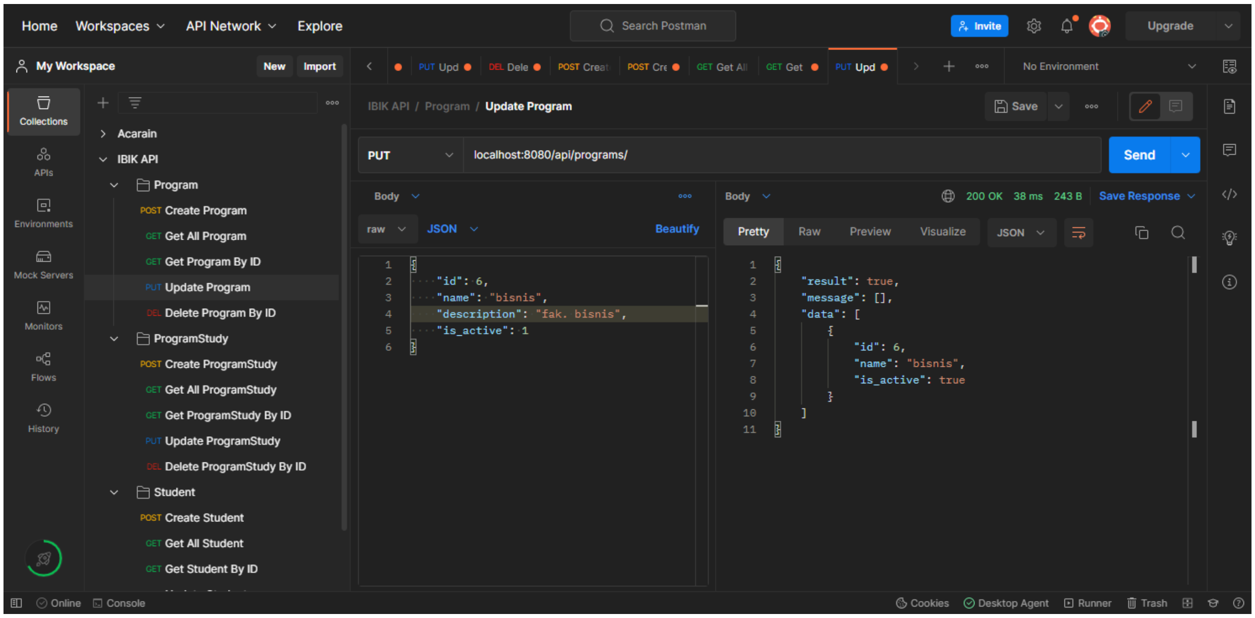


GET localhost:8080/api/programs/2

400 Bad Request 18 ms 203 B

```
{
    "result": false,
    "message": [
        "No value present"
    ],
    "data": null
}
```

Update Program – Success



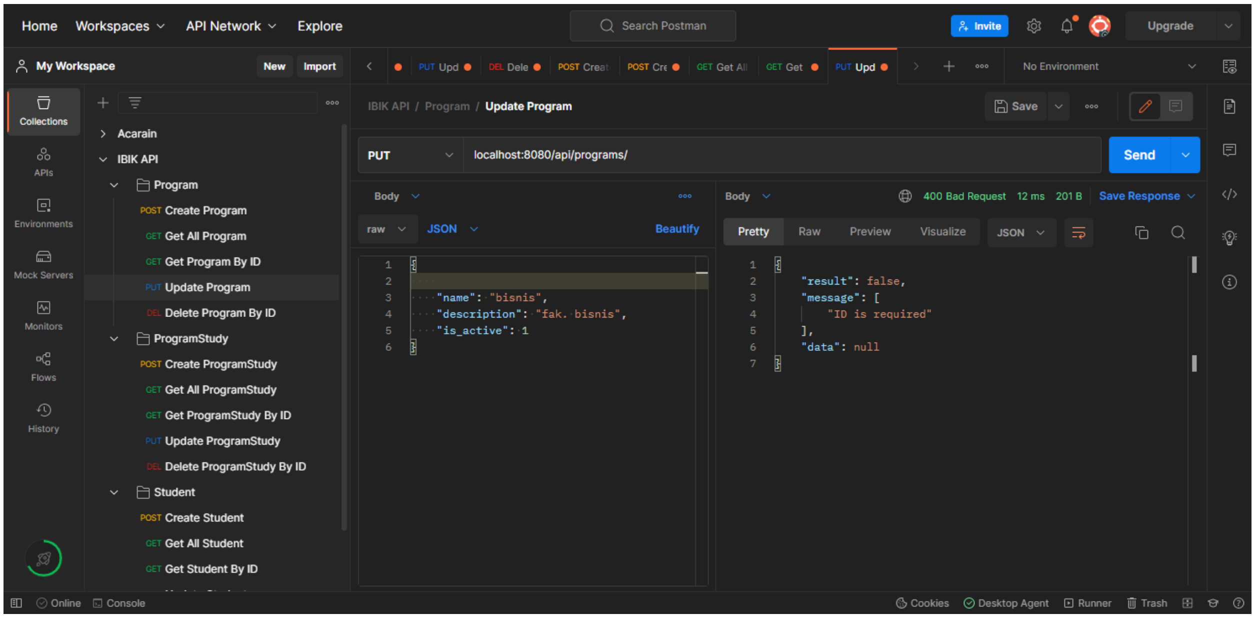
PUT localhost:8080/api/programs/

```
{
    "id": 6,
    "name": "bisnis",
    "description": "fak. bisnis",
    "is_active": 1
}
```

200 OK 38 ms 243 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 6,
            "name": "bisnis",
            "is_active": true
        }
    ]
}
```

Update Program – Error



IBIK API / Program / **Update Program**

PUT localhost:8080/api/programs/

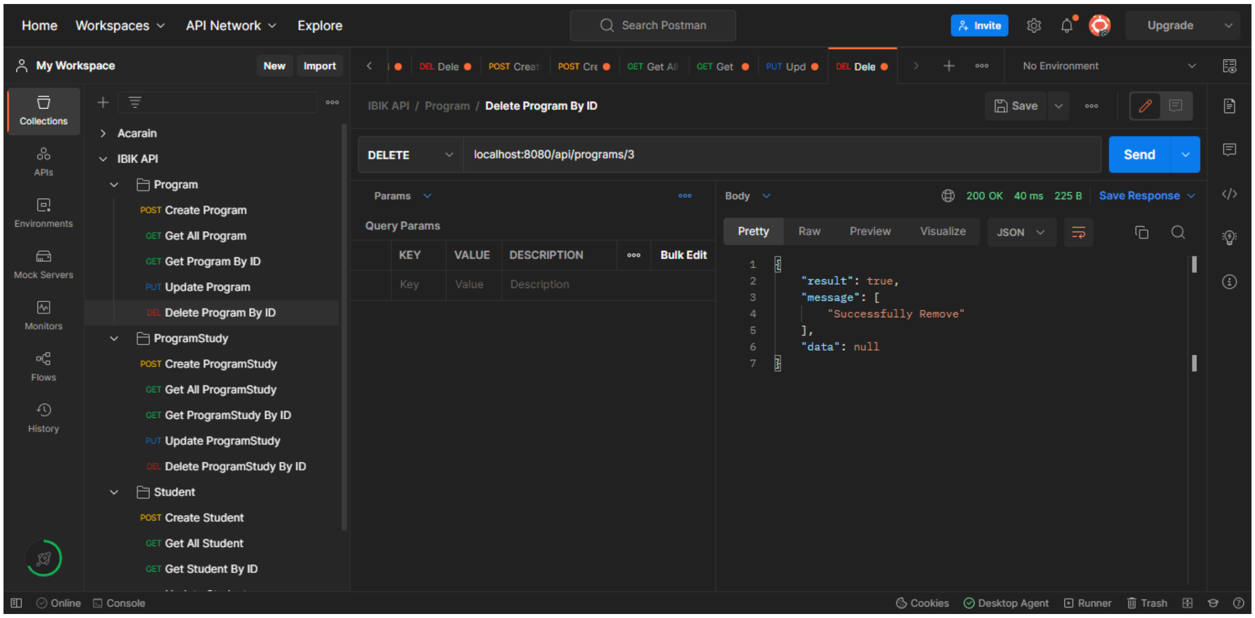
```
{

    "name": "bisnis",
    "description": "fak. bisnis",
    "is_active": 1
}
```

Body — 400 Bad Request 12 ms 201 B — JSON

```
{
    "result": false,
    "message": [
        "ID is required"
    ],
    "data": null
}
```

Delete Program By Id – Success



IBIK API / Program / **Delete Program By ID**

DELETE localhost:8080/api/programs/3

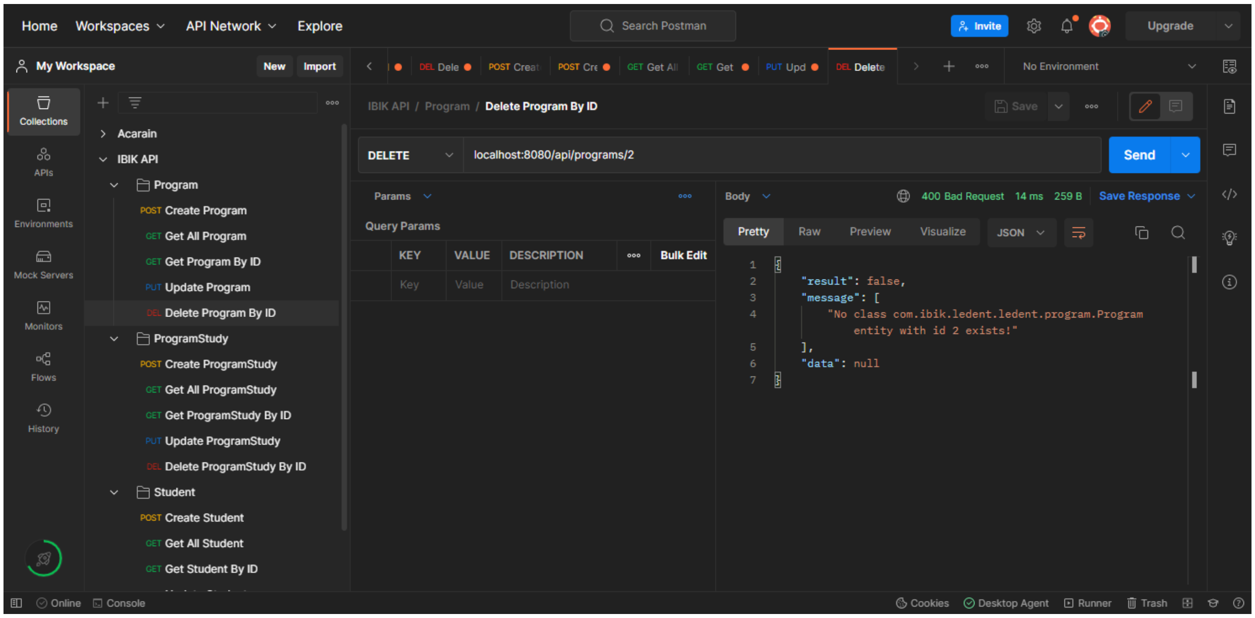
Params — Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body — 200 OK 40 ms 225 B — JSON

```
{
    "result": true,
    "message": [
        "Successfully Remove"
    ],
    "data": null
}
```

Delete Program By Id – Error



IBIK API / Program / Delete Program By ID

DELETE localhost:8080/api/programs/2

Params

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

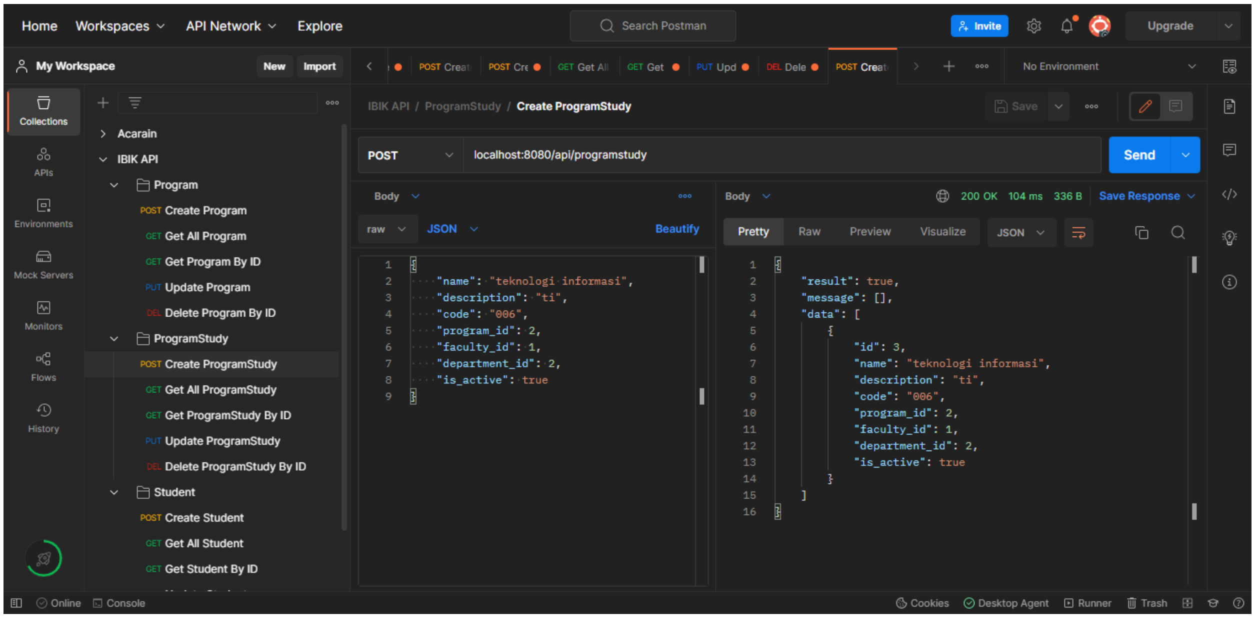
Body — 400 Bad Request 14 ms 259 B — Save Response

Pretty Raw Preview Visualize JSON

```
{
    "result": false,
    "message": [
        "No class com.ibik.ledent.ledent.program.Program
            entity with id 2 exists!"
    ],
    "data": null
}
```

ProgramStudy

Create ProgramStudy – Success



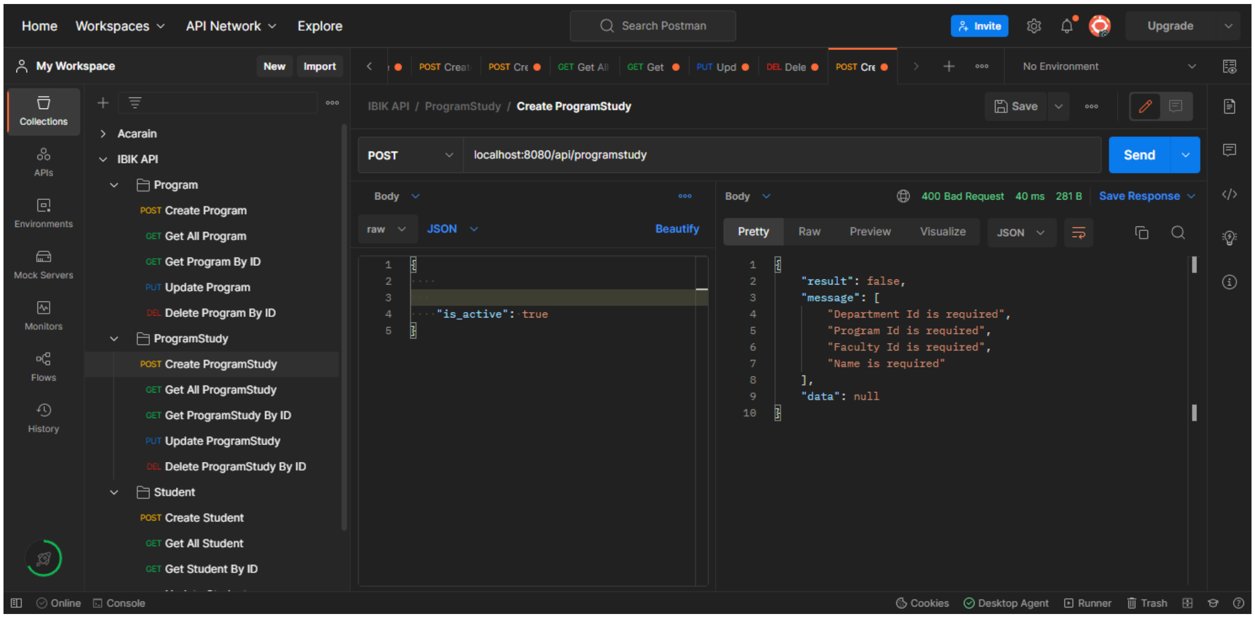
POST localhost:8080/api/programstudy

```
{
    "name": "teknologi informasi",
    "description": "ti",
    "code": "006",
    "program_id": 2,
    "faculty_id": 1,
    "department_id": 2,
    "is_active": true
}
```

200 OK 104 ms 336 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 3,
            "name": "teknologi informasi",
            "description": "ti",
            "code": "006",
            "program_id": 2,
            "faculty_id": 1,
            "department_id": 2,
            "is_active": true
        }
    ]
}
```

Create ProgramStudy – Error



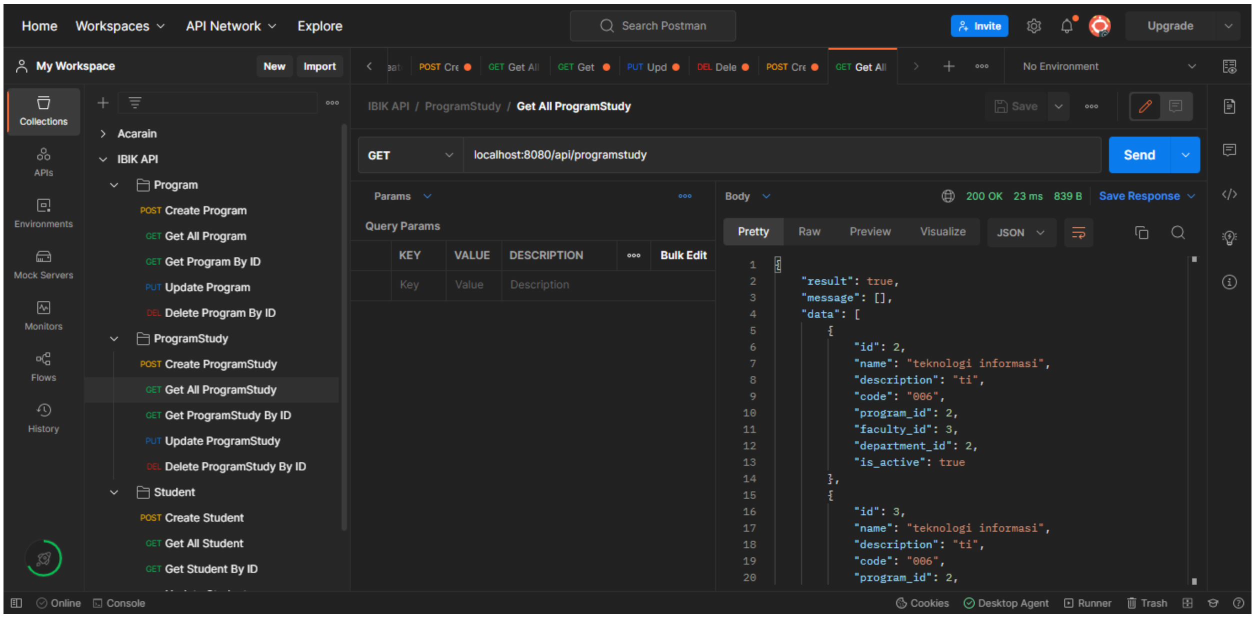
POST localhost:8080/api/programstudy

```
{
    
    "is_active": true
}
```

400 Bad Request 40 ms 281 B

```
{
    "result": false,
    "message": [
        "Department Id is required",
        "Program Id is required",
        "Faculty Id is required",
        "Name is required"
    ],
    "data": null
}
```

Get All ProgramStudy



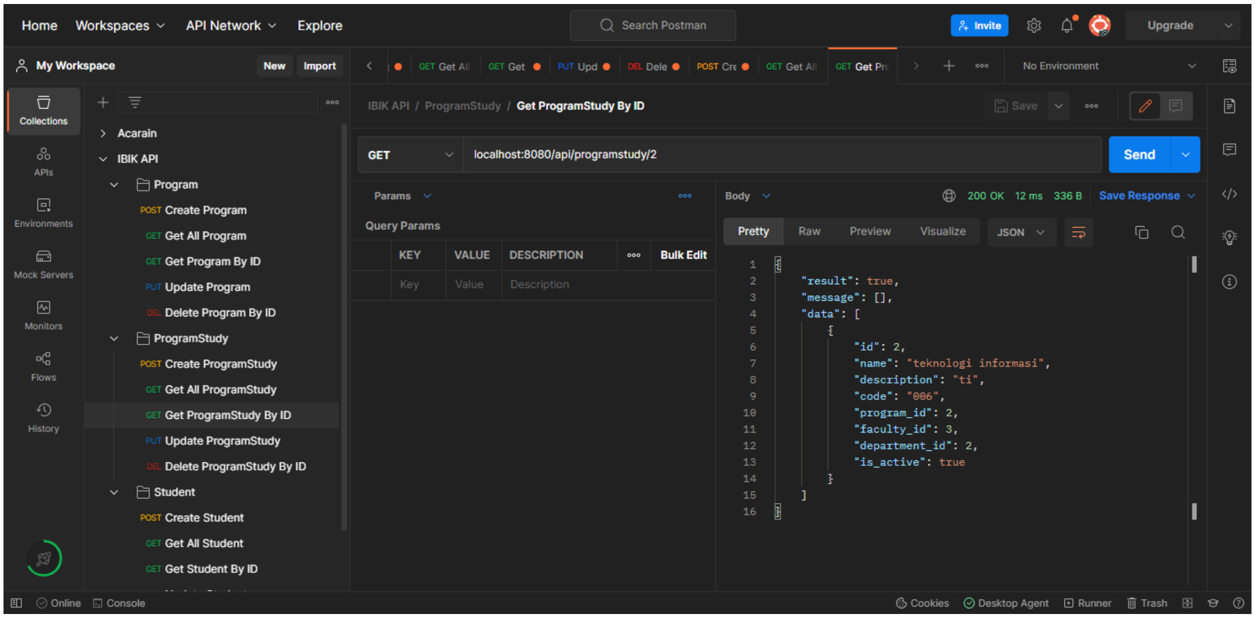
IBIK API / ProgramStudy / Get All ProgramStudy

GET localhost:8080/api/programstudy

200 OK 23 ms 839 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 2,
            "name": "teknologi informasi",
            "description": "ti",
            "code": "006",
            "program_id": 2,
            "faculty_id": 3,
            "department_id": 2,
            "is_active": true
        },
        {
            "id": 3,
            "name": "teknologi informasi",
            "description": "ti",
            "code": "006",
            "program_id": 2,
```

Get ProgramStudy By Id – Success



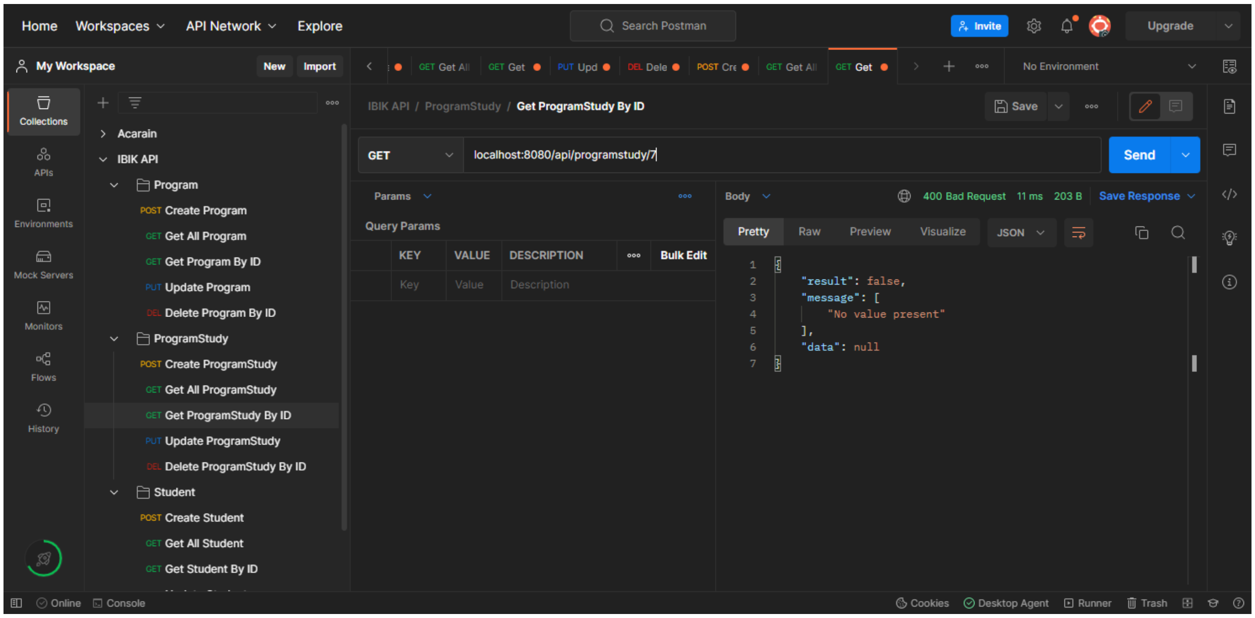
IBIK API / ProgramStudy / Get ProgramStudy By ID

GET localhost:8080/api/programstudy/2

200 OK 12 ms 336 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 2,
            "name": "teknologi informasi",
            "description": "ti",
            "code": "006",
            "program_id": 2,
            "faculty_id": 3,
            "department_id": 2,
            "is_active": true
        }
    ]
}
```

Get ProgramStudy By Id – Error



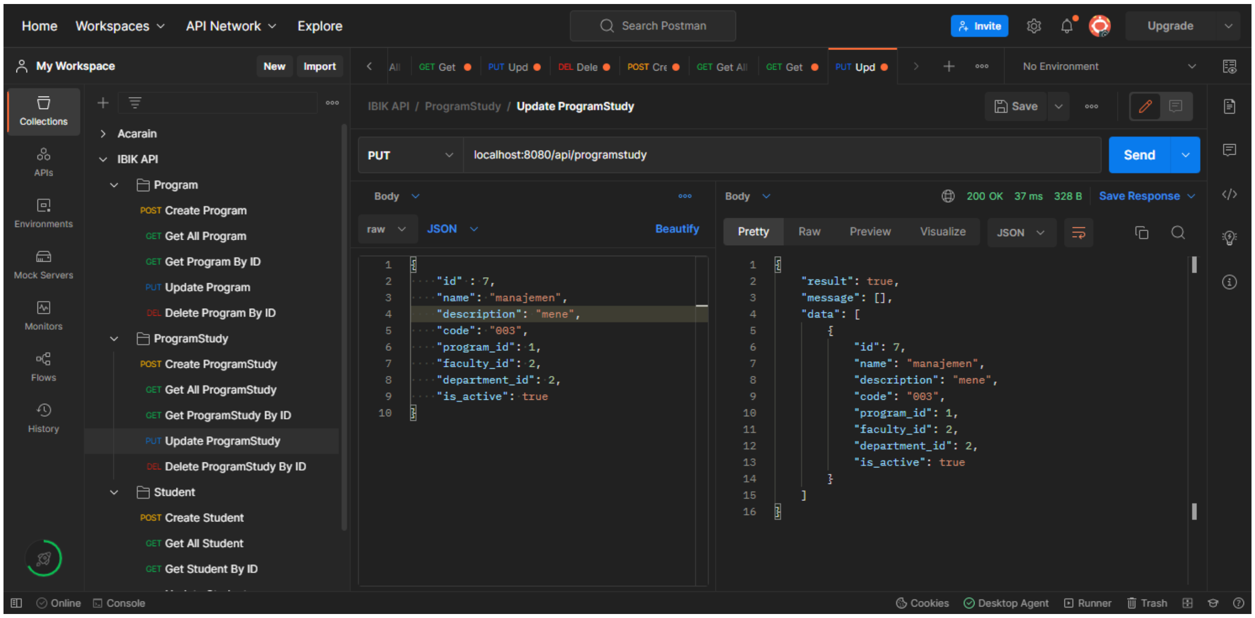
IBIK API / ProgramStudy / Get ProgramStudy By ID

GET localhost:8080/api/programstudy/7

Body 400 Bad Request 11 ms 203 B

```
{
    "result": false,
    "message": [
        "No value present"
    ],
    "data": null
}
```

Update ProgramStudy – Success



IBIK API / ProgramStudy / Update ProgramStudy

PUT localhost:8080/api/programstudy

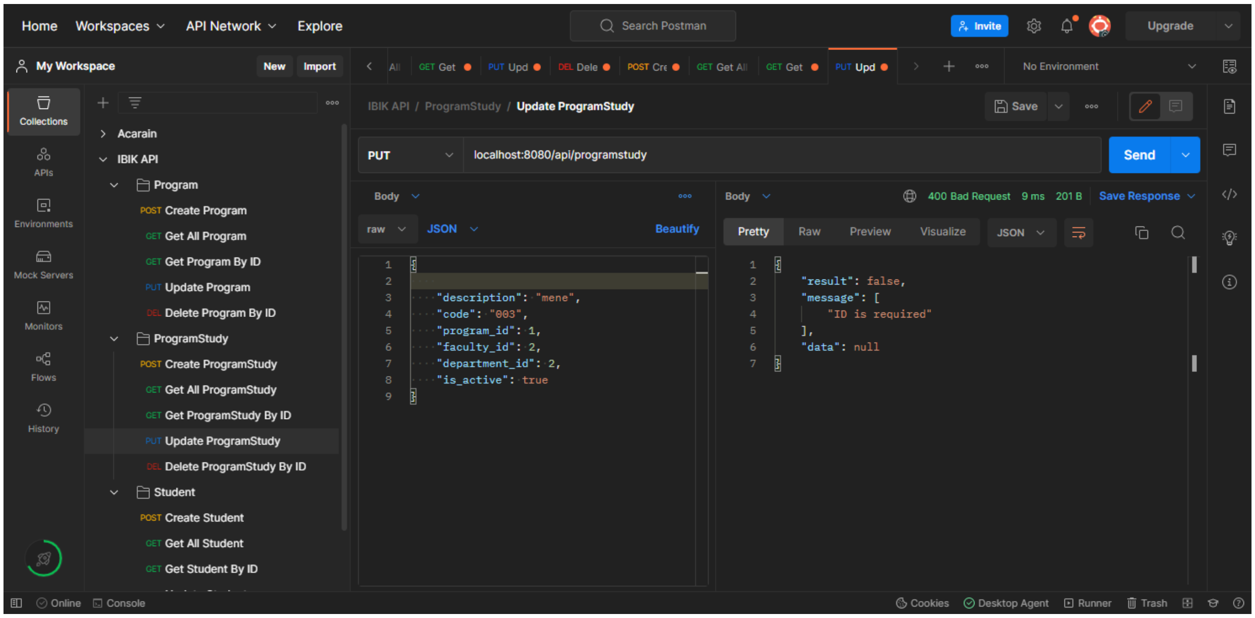
Body raw JSON

```
{
    "id" : 7,
    "name": "manajemen",
    "description": "mene",
    "code": "003",
    "program_id": 1,
    "faculty_id": 2,
    "department_id": 2,
    "is_active": true
}
```

Body 200 OK 37 ms 328 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 7,
            "name": "manajemen",
            "description": "mene",
            "code": "003",
            "program_id": 1,
            "faculty_id": 2,
            "department_id": 2,
            "is_active": true
        }
    ]
}
```

Update ProgramStudy – Error



IBIK API / ProgramStudy / Update ProgramStudy

PUT localhost:8080/api/programstudy

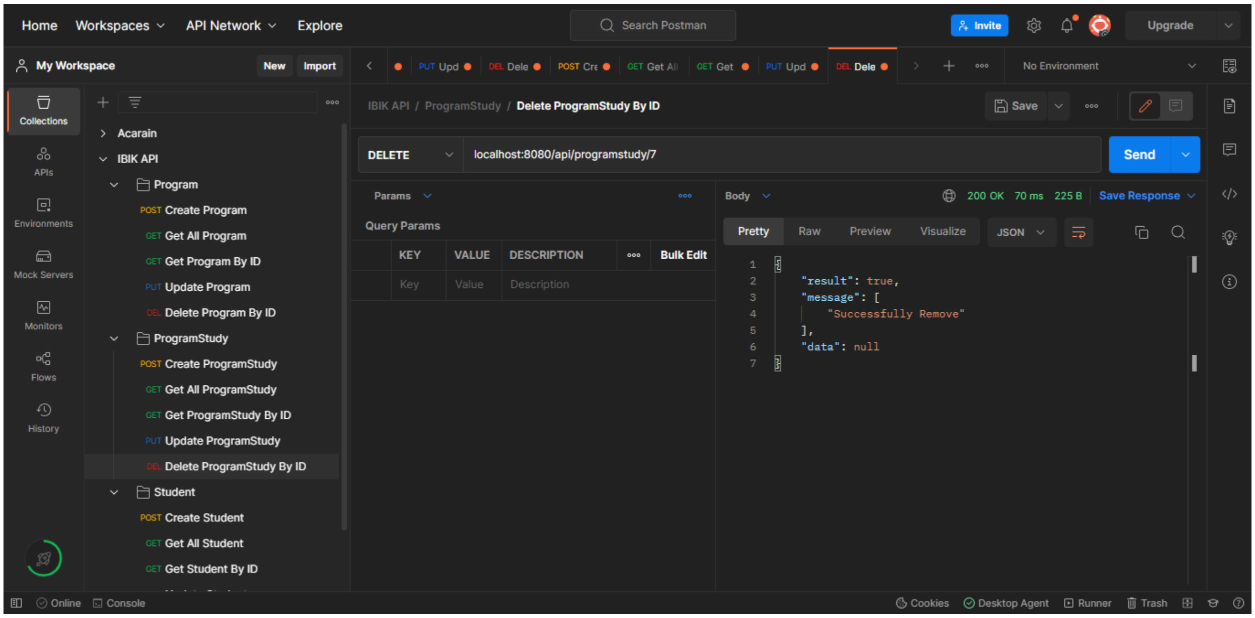
```
{

    "description": "mene",
    "code": "003",
    "program_id": 1,
    "faculty_id": 2,
    "department_id": 2,
    "is_active": true
}
```

Body: 400 Bad Request 9 ms 201 B — JSON

```
{
    "result": false,
    "message": [
        "ID is required"
    ],
    "data": null
}
```

Delete ProgramStudy By Id – Success



IBIK API / ProgramStudy / Delete ProgramStudy By ID

DELETE localhost:8080/api/programstudy/7

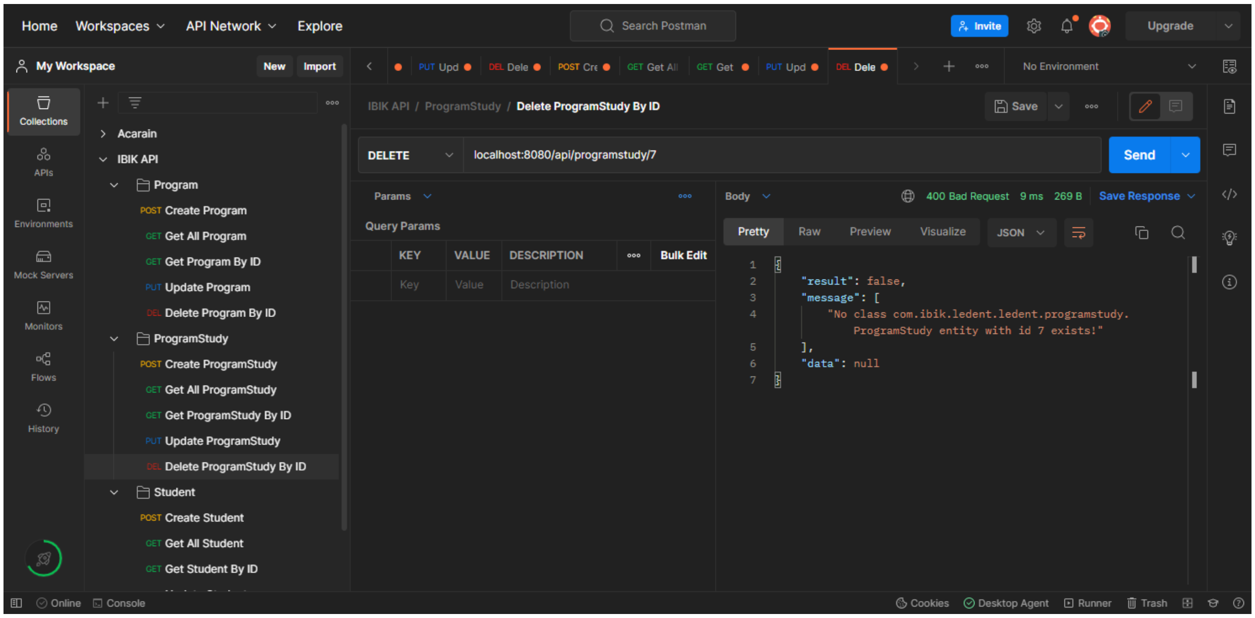
Params — Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body: 200 OK 70 ms 225 B — JSON

```
{
    "result": true,
    "message": [
        "Successfully Remove"
    ],
    "data": null
}
```

Delete ProgramStudy By Id – Error



IBIK API / ProgramStudy / Delete ProgramStudy By ID

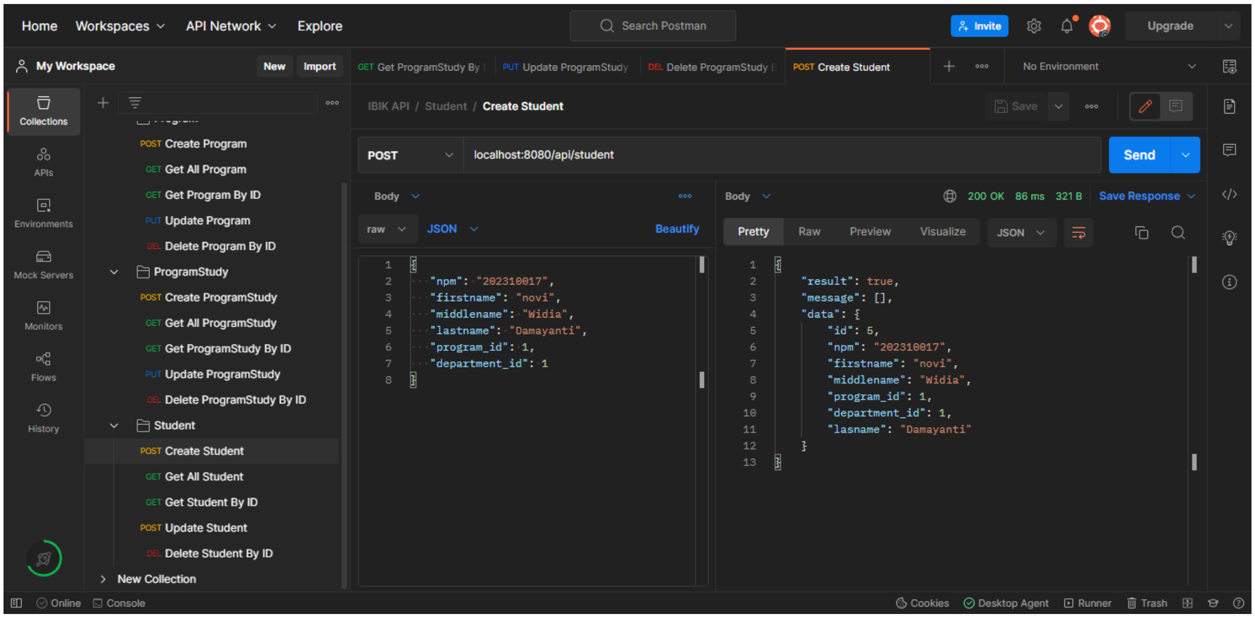
DELETE localhost:8080/api/programstudy/7

400 Bad Request 9 ms 269 B

```
{
    "result": false,
    "message": [
        "No class com.ibik.ledent.ledent.programstudy.
            ProgramStudy entity with id 7 exists!"
    ],
    "data": null
}
```

Student

Create Student - Success



IBIK API / Student / Create Student

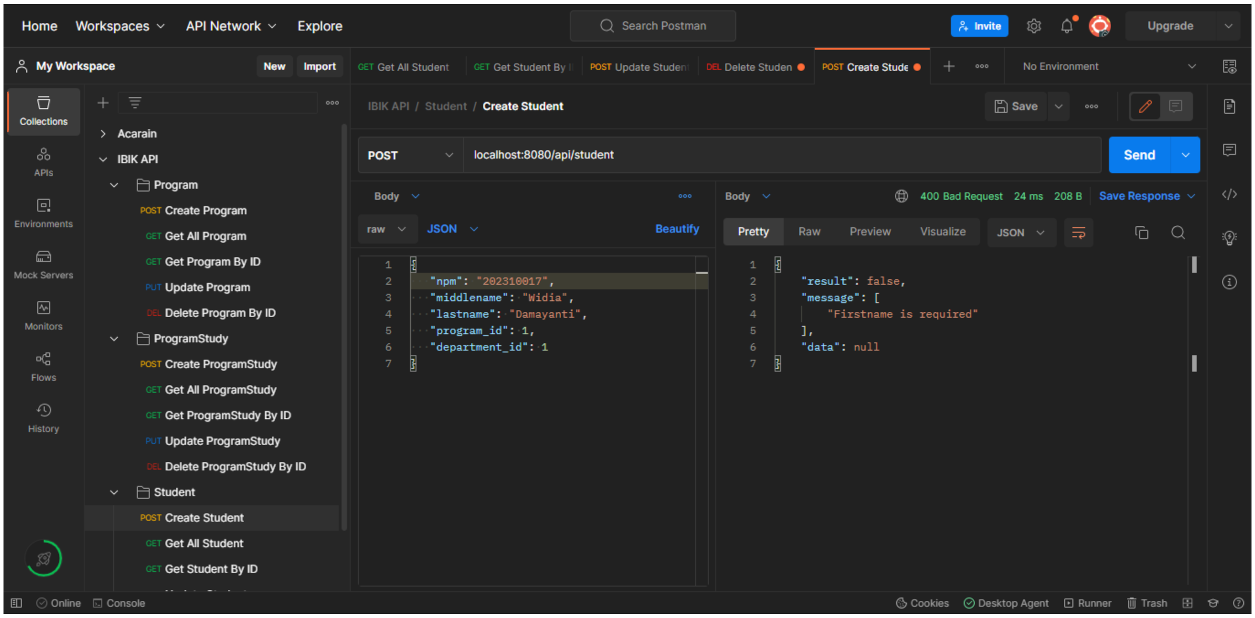
POST localhost:8080/api/student

```
{
    "npm": "202310017",
    "firstname": "novi",
    "middlename": "Widia",
    "lastname": "Damayanti",
    "program_id": 1,
    "department_id": 1
}
```

200 OK 86 ms 321 B

```
{
    "result": true,
    "message": [],
    "data": {
        "id": 5,
        "npm": "202310017",
        "firstname": "novi",
        "middlename": "Widia",
        "program_id": 1,
        "department_id": 1,
        "lasname": "Damayanti"
    }
}
```

Create Student - Error



IBIK API / Student / Create Student

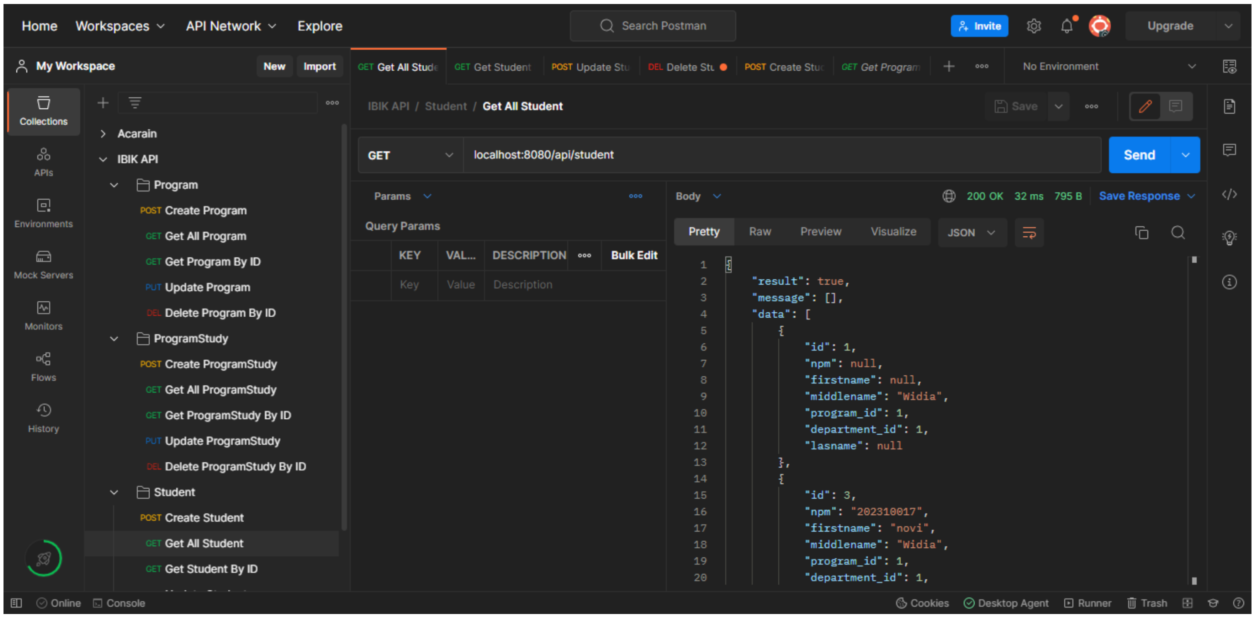
POST localhost:8080/api/student

```
{
    "npm": "202310017",
    "middlename": "Widia",
    "lastname": "Damayanti",
    "program_id": 1,
    "department_id": 1
}
```

400 Bad Request 24 ms 208 B

```
{
    "result": false,
    "message": [
        "Firstname is required"
    ],
    "data": null
}
```

Get All Student - Success

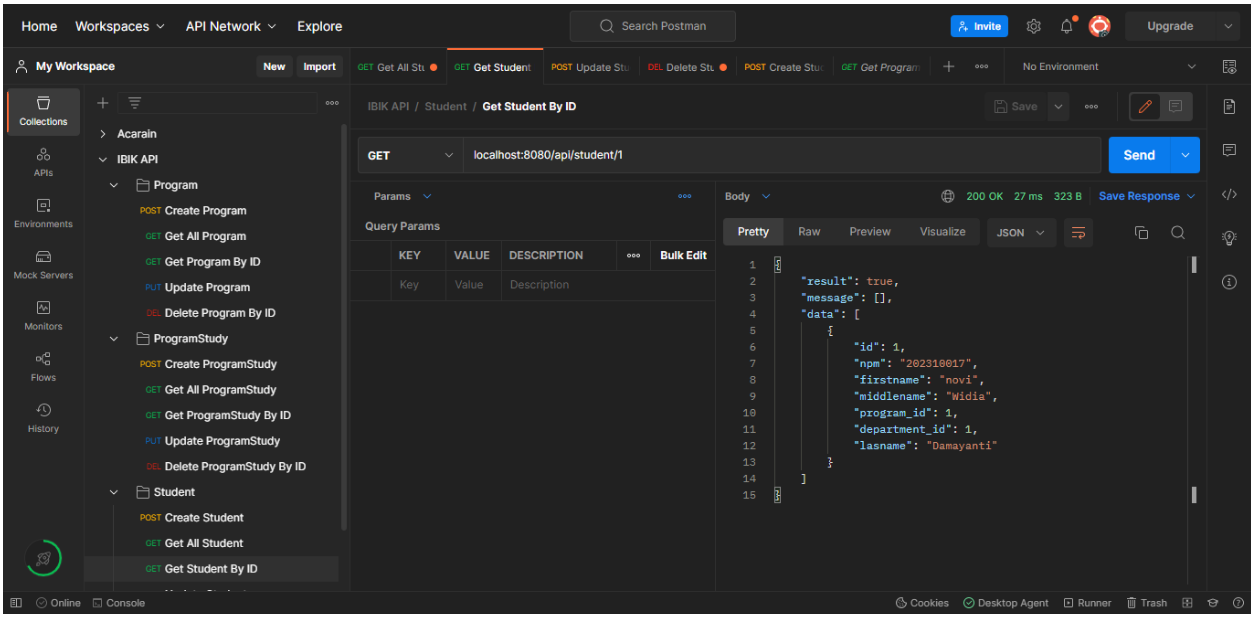


GET localhost:8080/api/student

200 OK 32 ms 795 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 1,
            "npm": null,
            "firstname": null,
            "middlename": "Widia",
            "program_id": 1,
            "department_id": 1,
            "lasname": null
        },
        {
            "id": 3,
            "npm": "202310017",
            "firstname": "novi",
            "middlename": "Widia",
            "program_id": 1,
            "department_id": 1,
```

Get Student By Id - Success

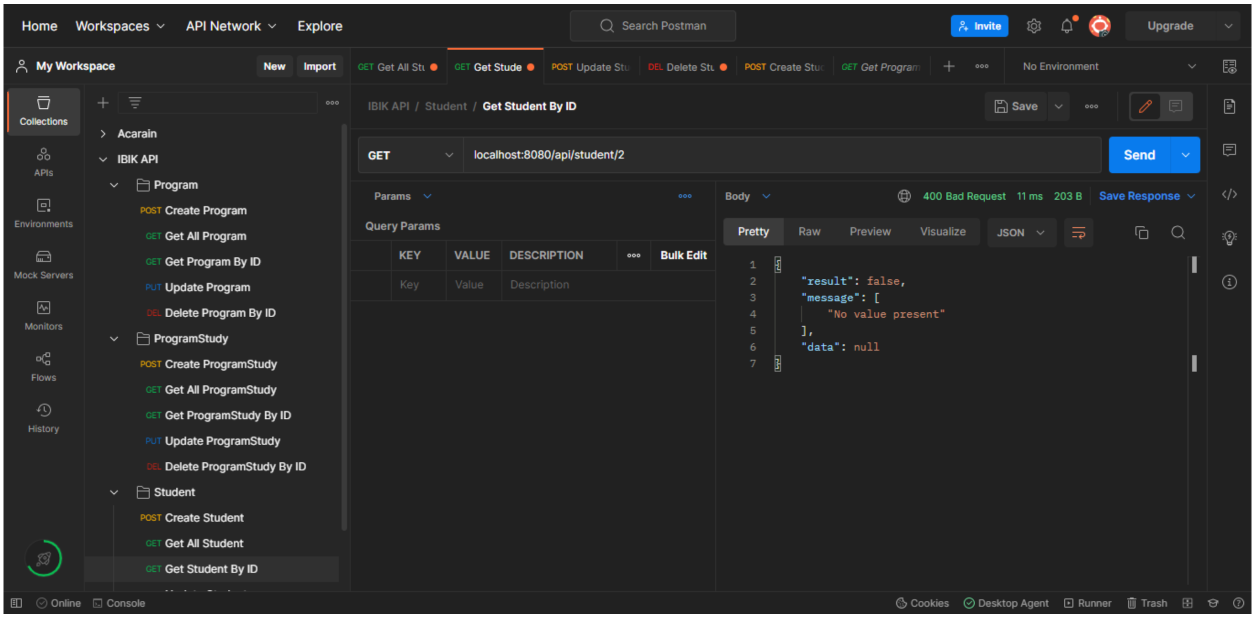


GET localhost:8080/api/student/1

200 OK 27 ms 323 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 1,
            "npm": "202310017",
            "firstname": "novi",
            "middlename": "Widia",
            "program_id": 1,
            "department_id": 1,
            "lasname": "Damayanti"
        }
    ]
}
```

Get Student By Id - Error



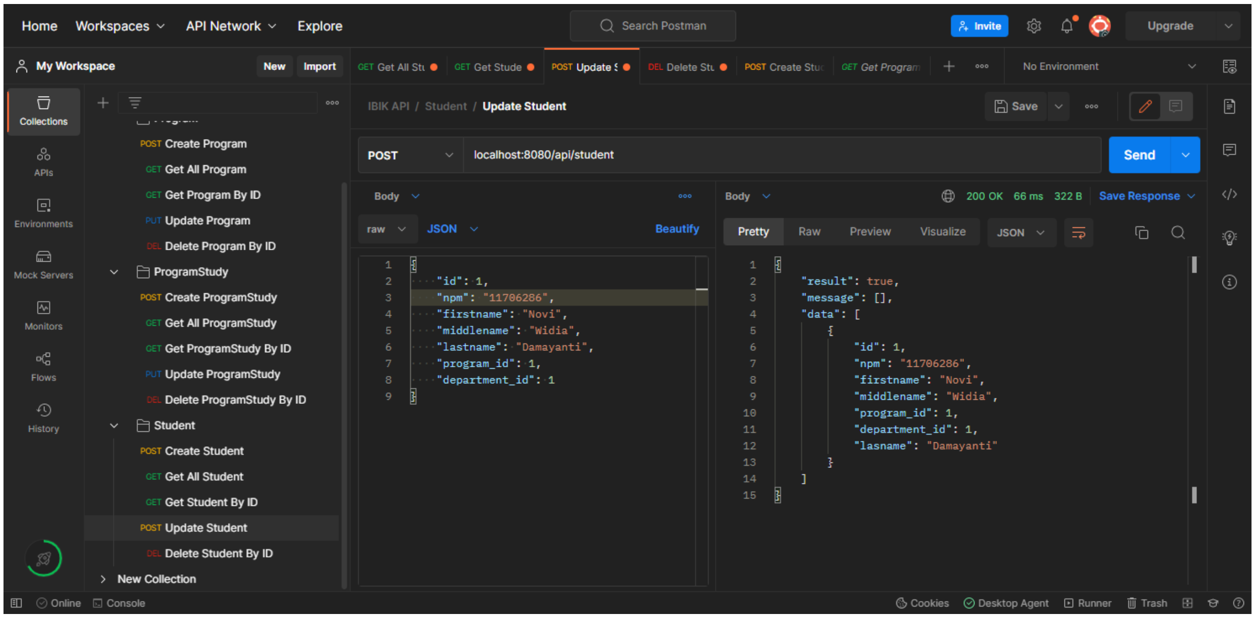
IBIK API / Student / Get Student By ID

GET localhost:8080/api/student/2

400 Bad Request 11 ms 203 B

```
{
    "result": false,
    "message": [
        "No value present"
    ],
    "data": null
}
```

Update Student - Success



IBIK API / Student / Update Student

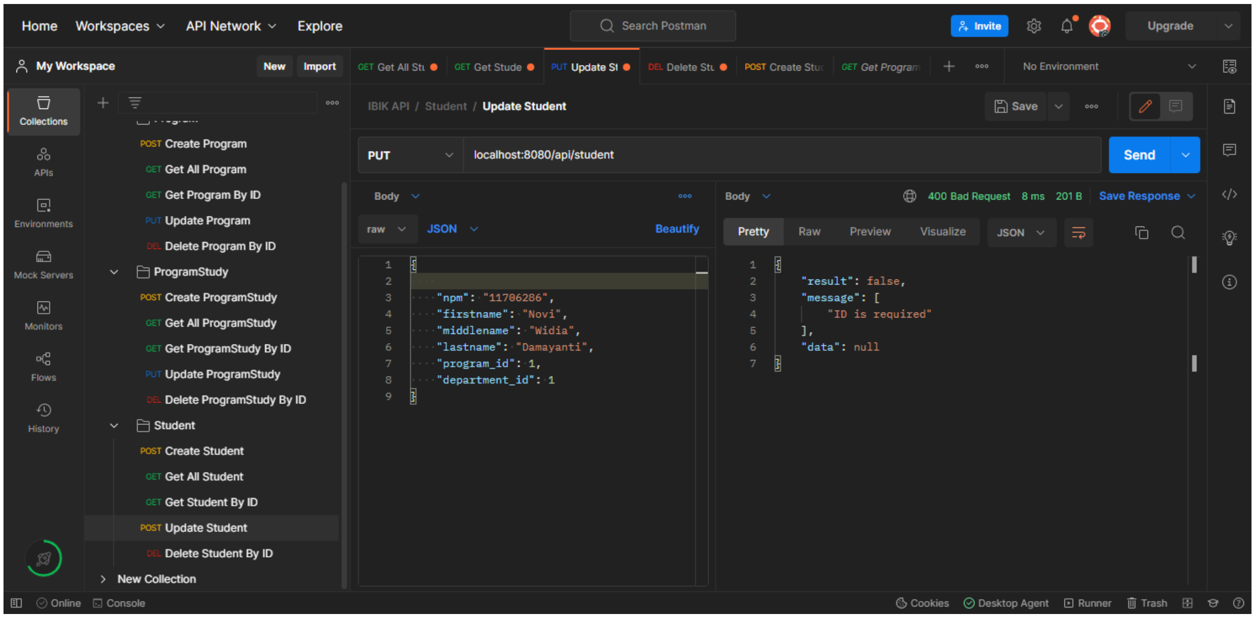
POST localhost:8080/api/student

```
{
    "id": 1,
    "npm": "11706286",
    "firstname": "Novi",
    "middlename": "Widia",
    "lastname": "Damayanti",
    "program_id": 1,
    "department_id": 1
}
```

200 OK 66 ms 322 B

```
{
    "result": true,
    "message": [],
    "data": [
        {
            "id": 1,
            "npm": "11706286",
            "firstname": "Novi",
            "middlename": "Widia",
            "program_id": 1,
            "department_id": 1,
            "lasname": "Damayanti"
        }
    ]
}
```

Update Student - Error



PUT localhost:8080/api/student

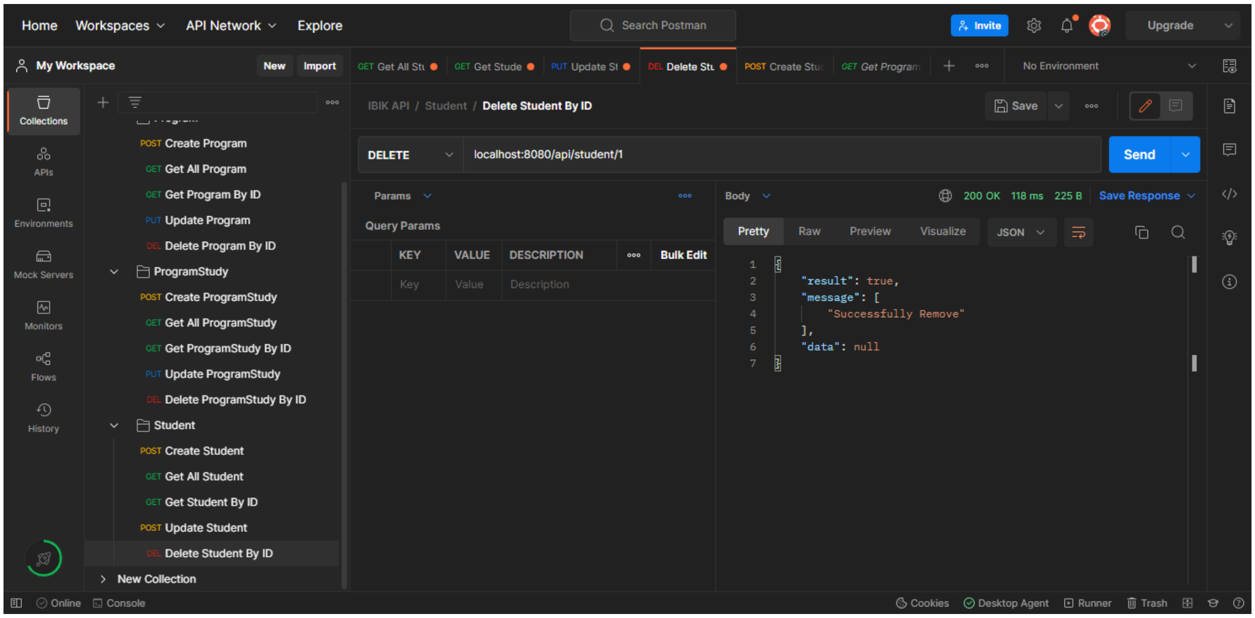
```
{

    "npm": "11706286",
    "firstname": "Novi",
    "middlename": "Widia",
    "lastname": "Damayanti",
    "program_id": 1,
    "department_id": 1
}
```

400 Bad Request 8 ms 201 B

```
{
    "result": false,
    "message": [
        "ID is required"
    ],
    "data": null
}
```

Delete Student By Id - Success

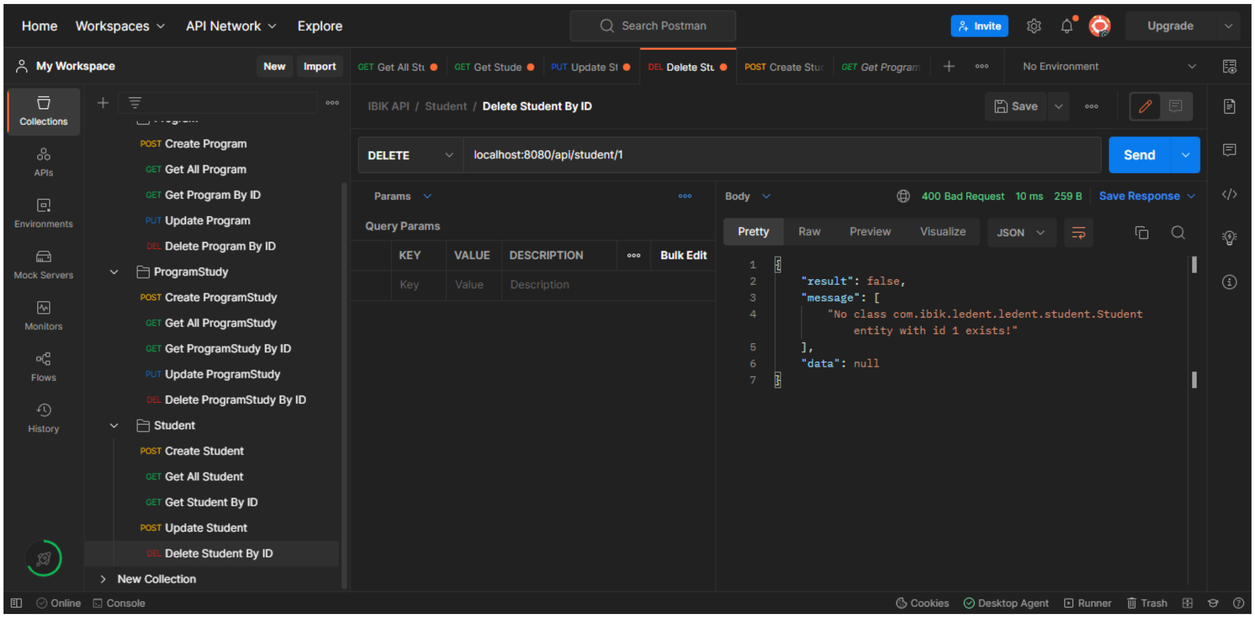


DELETE localhost:8080/api/student/1

200 OK 118 ms 225 B

```
{
    "result": true,
    "message": [
        "Successfully Remove"
    ],
    "data": null
}
```

Delete Student By Id - Error



IBIK API / Student / Delete Student By ID

DELETE localhost:8080/api/student/1

400 Bad Request 10 ms 259 B

```
{
    "result": false,
    "message": [
        "No class com.ibik.ledent.ledent.student.Student
            entity with id 1 exists!"
    ],
    "data": null
}
```