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## Tugas Praktikum Pemweb

### REST API

#### 1. Screenshot hasil uji **GET**

The screenshot displays a REST client interface. The 'Request' tab is active, showing a GET method and the URL `http://localhost/pemweb/pertemuan11/tugas/mahasiswa`. Below the request details, there are expandable sections for 'Headers' and 'Basic auth'. The 'Response' tab is also visible, showing a status of 200 OK. The response body is a JSON array containing three student records.

**Request**

GET `http://localhost/pemweb/pertemuan11/tugas/mahasiswa`

[Headers >](#)  
[Basic auth >](#)

**Response (0.114s) - http://localhost/pemweb/pertemuan11/tugas/mahasiswa**

200 OK

[Headers >](#)

```
{
  "kode": 1,
  "status": "sukses",
  "data": [
    {
      "NIM": "K3519001",
      "nama": "Abdulah Setiawan",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.77"
    },
    {
      "NIM": "K3519002",
      "nama": "Budi Tabudi",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.65"
    },
    {
      "NIM": "K3519003",
      "nama": "Cikha Maemunah",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.81"
    }
  ]
}
```

## 2. Screenshot hasil uji **POST**

POST

http://localhost/pemweb/pertemuan11/tugas/mahasiswa

Send

Headers >

Basic auth >

Request body >

Type

JSON

nim	K3519004	
nama	Ricardo Supriadi	
angkatan	2019	
semester	04	
IPK	3.55	

+Add parameter

Response (0.071s) - http://localhost/pemweb/pertemuan11/tugas/mahasiswa

200 OK

Headers >

```
<br />
<b>Notice</b>: Array to string conversion in <b>C:\xampp\htdocs\pemweb\pertemuan11\Tugas\index.php</b> on line
<b>77</b><b><br />
{"kode":0,"status":"Data Mahasiswa Gagal Ditambahkan"}
```

```
{
  "kode": 1,
  "status": "sukses",
  "data": [
    {
      "nim": "K3519001",
      "nama": "Abdulah Setiawan",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.77"
    },
    {
      "nim": "K3519002",
      "nama": "Budi Tabudi",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.65"
    },
    {
      "nim": "K3519003",
      "nama": "Cikha Maemunah",
      "angkatan": "2019",
      "semester": "4",
      "IPK": "3.81"
    },
    {
      "nim": "K3519004",
      "nama": "Ricardo Supriadi",
      "angkatan": "0",
      "semester": "4",
      "IPK": "3.55"
    }
  ]
}
```

### 3. Screenshot hasil uji PUT

PUT

http://localhost/pemweb/pertemuan11/Tugas/mahasiswa?id=K3!

Send






Headers >

Basic auth >

Request body >

Type

JSON

nim	K3519004	
nama	Ricardo Supriant0	
angkatan	2019	
semester	04	
IPK	3.55	

+Add parameter

Response (0.055s) - http://localhost/pemweb/pertemuan11/Tugas/mahasiswa?id=K3519002

200 OK

Headers >

<br />  
<b>Notice</b>: Array to string conversion in <b>C:\xampp\htdocs\pemweb\pertemuan11\Tugas\index.php</b> on line  
<b>76</b><br />  
{ "kode":1, "status": "Data Mahasiswa Berhasil Diupdate" }

```
{
  "nim": "K3519004",
  "nama": "Ricardo Supriadi",
  "angkatan": "0",
  "semester": "4",
  "IPK": "3.55"
}
```

```
{
  "nim": "K3519004",
  "nama": "Ricardo Suprianto",
  "angkatan": "0",
  "semester": "4",
  "IPK": "3.55"
}
```

#### 4. Screenshot hasil uji **DELETE**

DELETE ▾

http://localhost/pemweb/pertemuan11/Tugas/mahasiswa?id=K3!

Send

Headers >

Basic auth >

Request body ▾

Type

JSON ▾

nim	K3519004	🗑
nama	Ricardo Supriant0	🗑
angkatan	2019	🗑
semester	04	🗑
IPK	3.55	🗑

+Add parameter

Response (0.037s) - http://localhost/pemweb/pertemuan11/Tugas/mahasiswa?id=K3519002

200 OK

Headers &gt;

```
{
  "kode": 1,
  "status": "Data Mahasiswa Berhasil Dihapus"
}
```

```
{"kode":1,"status":"sukses","data":[{"nim":"K3519001","nama":"Abdulah Setiawan","angkatan":"2019","semester":"4","IPK":"3.77"},{"nim":"K3519003","nama":"Cikha Maemunah","angkatan":"2019","semester":"4","IPK":"3.81"},{"nim":"K3519004","nama":"Ricardo Supriadi","angkatan":"0","semester":"4","IPK":"3.55"}]}
```