

# JURNAL MODUL 9

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- A. Mencoba “GET /api/Mahasiswa” saat baru dijalankan yang mengeluarkan list film dari TOP 3 IMDB seperti pada tampilan berikut pada saat dicoba dengan menekan tombol “Try it out” dan tombol “Execute”

The screenshot shows a REST client interface with the following sections:

- Execute** button and **Clear** button.
- Responses** section.
- Curl** section showing the command: `curl -X 'GET' \ 'http://localhost:3000/api/mahasiswa' \ -H 'accept: application/json'`
- Request URL** section showing: `http://localhost:3000/api/mahasiswa`
- Server response** section.
- Code** and **Details** tabs.
- 200** status code.
- Response body** section showing a JSON array of 5 student objects: 

```
[ { "name": "Ghaza Zidane Nurraihan", "nia": "2311104038" }, { "name": "Nulis Ahmad Ghaus Adzam", "nia": "2311104028" }, { "name": "Satria Ramadan", "nia": "2311104040" }, { "name": "Kelvin Ferdinand", "nia": "2311104040" }, { "name": "Kevin Jonson", "nia": "2311104040" } ]
```
- Response headers** section showing: 

```
connection: keep-alive
content-length: 237
content-type: application/json; charset=utf-8
date: Sat, 10 May 2024 14:42:34 GMT
etag: W/"ed-110182KcD14/A-WVJEt-90sh7ag"
keep-alive: timeout=5
x-powered-by: Express
```

- B. Menambahkan Mahasiswa baru yaitu urutan ke-4 pada TOP IMDB list dengan memanggil API pada bagian “POST /api/Mahasiswa”

The screenshot shows a REST client interface with a green header bar. The method is 'POST' and the URL is '/api/mahasiswa' with a subtitle 'Add a new mahasiswa'. There are 'Cancel' and 'Reset' buttons. The 'Parameters' tab shows 'No parameters'. The 'Request body' tab is selected, showing a JSON object: 

```
{  "name": "wimar ardi mulyono",  "nim": "2311109088"} 
```

 The media type is set to 'application/json'. At the bottom, there are 'Execute' and 'Clear' buttons.

- C. Cek list/array dari semua Mahasiswa lagi dengan “GET /api/Mahasiswa”, pastikan Mahasiswa yang baru ditambahkan sebelumnya sudah ada:

The screenshot shows a REST client interface with a blue header bar. The status is '200'. The 'Response body' tab is selected, showing a JSON array of six student objects: 

```
[  {    "name": "Ghaza Zidane Murrainan",    "nim": "2311104038"  },  {    "name": "Aulia Ahmad Ghaus Adzam",    "nim": "2311104028"  },  {    "name": "Satria Ramadan",    "nim": "23111040"  },  {    "name": "Kelvin Ferdinand",    "nim": "23111040"  },  {    "name": "Kevin Jonson",    "nim": "23111040"  },  {    "name": "wimar ardi mulyono",    "nim": "2311109088"  }]
```

 There is a 'Download' button. The 'Response headers' tab shows: 

```
connection: keep-alive
content-length: 286
content-type: application/json; charset=utf-8
date: Sat, 10 May 2025 14:52:34 GMT
etag: W/"11e-nFundrMl+5Xt2db490wEnM14l8s"
keep-alive: timeout=5
x-powered-by: Express
```

- D. Mencoba meminta Mahasiswa dengan index 3, “GET /api/Mahasiswa/3” yang seharusnya mengembalikan Mahasiswa yang baru saja ditambah:

The screenshot shows a REST client interface with a table for parameters:

Name	Description
<b>id</b> * required integer (path)	Index of mahasiswa

The value '3' is entered in the input field. Below the table are 'Execute' and 'Clear' buttons.

**Responses**

**Curl**

```
curl -X 'GET' \
  'http://localhost:3000/api/mahasiswa/3' \
  -H 'accept: application/json'
```

**Request URL**

```
http://localhost:3000/api/mahasiswa/3
```

**Server response**

Code	Details
200	<p><b>Response body</b></p> <pre>{   "name": "Kelvin Ferdinand",   "nim": "23111040" }</pre> <p><b>Response headers</b></p> <pre>connection: keep-alive content-length: 44 content-type: application/json; charset=utf-8 date: Sat, 10 May 2025 14:54:11 GMT etag: W/"2c"-F0Rgd5IfqXl0ih+VNEoe9zGgTY" keep-alive: timeout=5 x-powered-by: Express</pre>

- E. Menghapus objek Mahasiswa dengan index ke-1 dengan “DELETE /api/Mahasiswa/1”

The screenshot shows a REST client interface with a table for parameters:

Name	Description
<b>id</b> * required integer (path)	Index of mahasiswa

The value '1' is entered in the input field. Below the table are 'Execute' and 'Clear' buttons.

**Responses**

- F. Cek list/array dari semua Mahasiswa sekali lagi dengan “GET /api/Mahasiswa”, film dengan ranking kedua “Godfather” sudah tidak ada di list:

The screenshot shows a REST client interface with a table for parameters:

Name	Description
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**Responses**

Code	Details
200	<p><b>Response body</b></p> <pre>{   {     "name": "Ghaza Zidane Murrainan",     "nim": "2311104038"   },   {     "name": "Kelvin Ferdinand",     "nim": "23111040"   },   {     "name": "Kevin Jonson",     "nim": "23111040"   },   {     "name": "wimar ardi mulyono",     "nim": "2311109088"   } }</pre> <p><b>Response headers</b></p> <pre>connection: keep-alive content-length: 189 content-type: application/json; charset=utf-8 date: Sat, 10 May 2025 14:57:28 GMT etag: W/"bd-0hqA2zomz3DqbJA8qovXGaba2PE" keep-alive: timeout=5 x-powered-by: Express</pre>