

ACTIVITY PERTEMUAN 2

NAMA : Mikail Thoriq Kariemshah Banowo

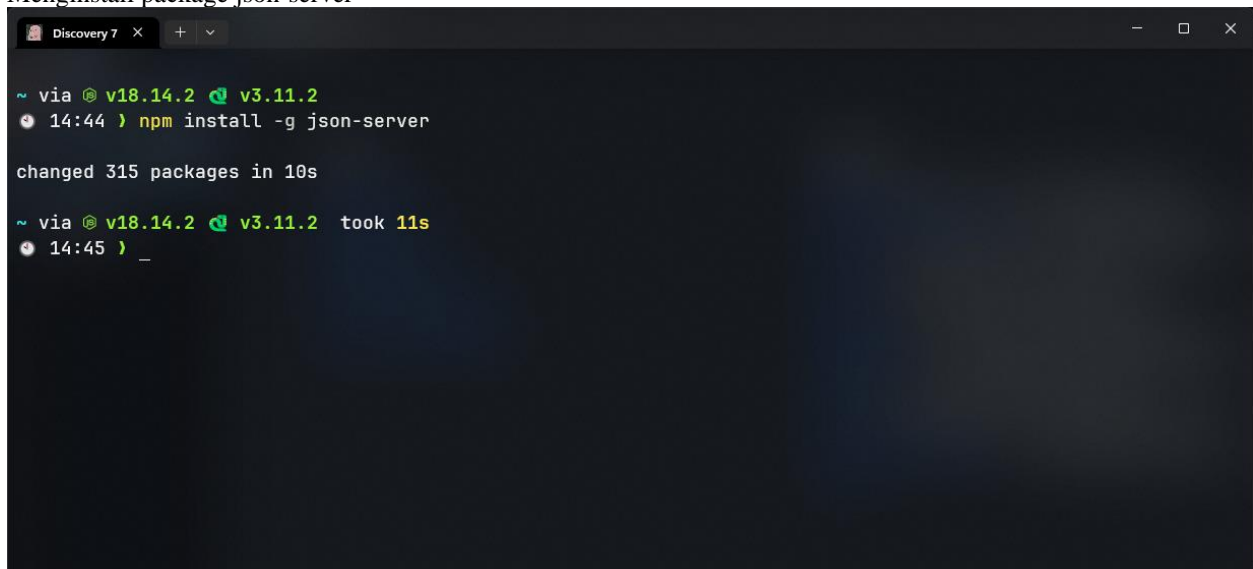
NPM : 50422881

KELAS : 1IA19

MATERI : API dan JSON

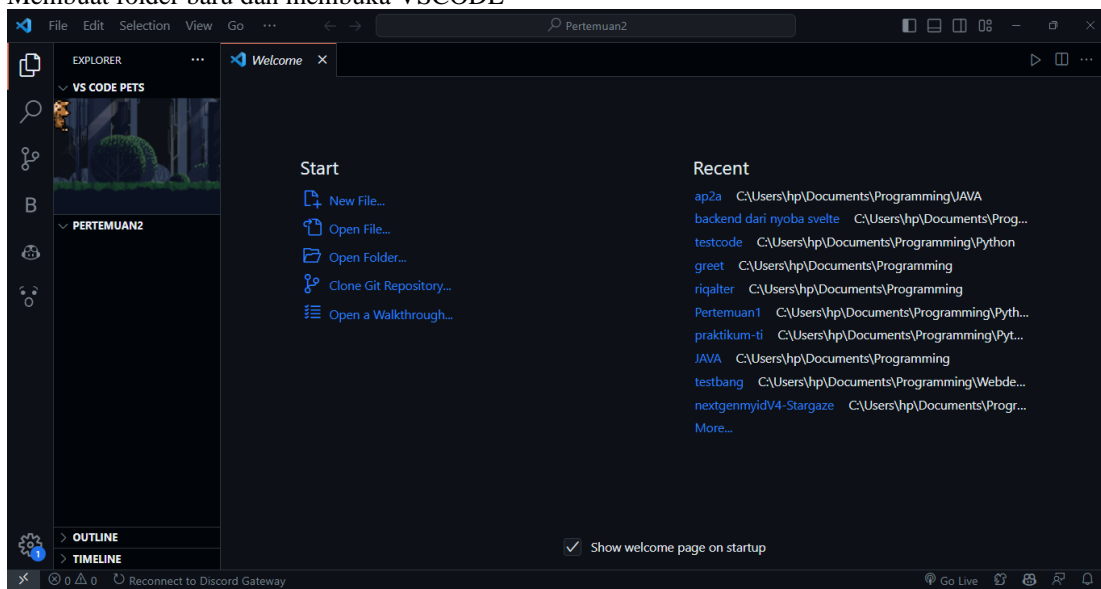
MATA PRAKTIKUM : AP2B

Menginstall package json-server



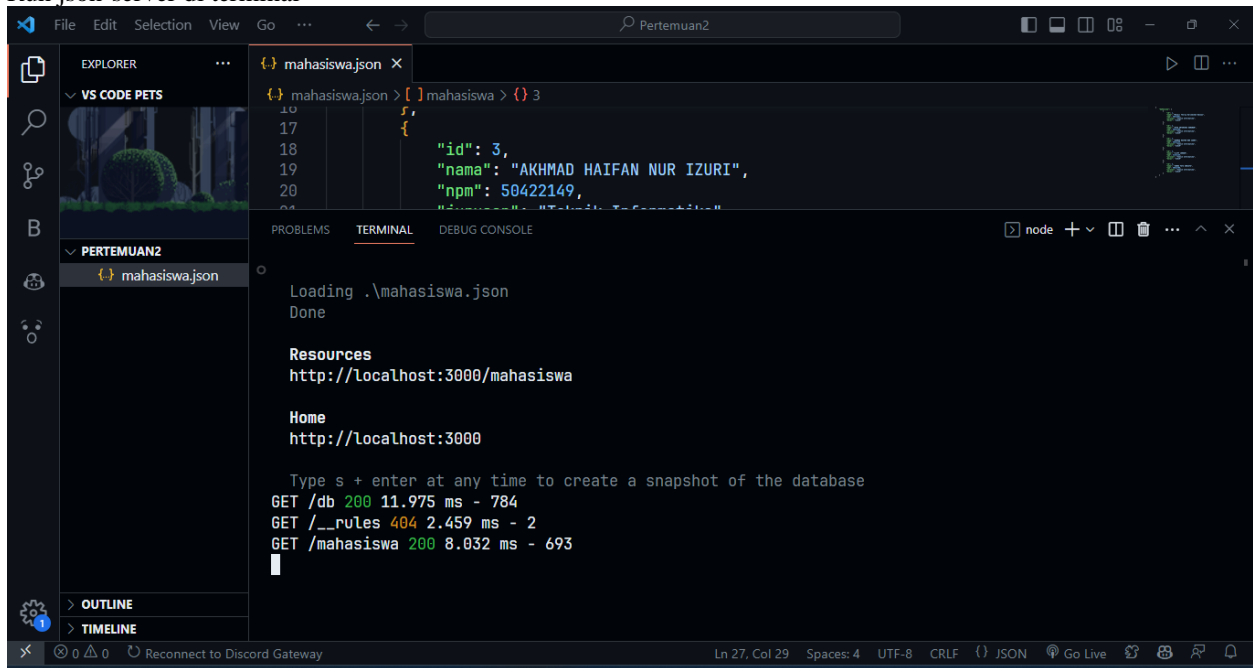
```
Discovery 7 x + -  
  
~ via @ v18.14.2 v3.11.2  
14:44 > npm install -g json-server  
  
changed 315 packages in 10s  
  
~ via @ v18.14.2 v3.11.2 took 11s  
14:45 > _
```

Membuat folder baru dan membuka VSCODE



```
{
  "mahasiswa": [
    {
      "id": 1,
      "nama": "Mikail Thoriq Kariemshah Banowo",
      "npm": 50422881,
      "jurusan": "Teknik Informatika",
      "kelas": "1IA19"
    },
    {
      "id": 2,
      "nama": "AFIQ ANTARIKSA GUNAWAN",
      "npm": 50422108,
      "jurusan": "Teknik Informatika",
      "kelas": "1IA19"
    },
    {
      "id": 3,
      "nama": "AKHMAD HAIFAN NUR IZURI",
      "npm": 50422149,
      "jurusan": "Teknik Informatika",
      "kelas": "1IA19"
    },
    {
      "id": 4,
      "nama": "CLIFF JORDAN",
      "npm": 51422169,
      "jurusan": "Teknik Informatika",
      "kelas": "1IA19"
    },
    {
      "id": 5,
      "nama": "INDRA FATA SONJAYA",
      "npm": 50422708,
      "jurusan": "Teknik Informatika",
      "kelas": "1IA19"
    }
  ]
}
```

Run json-server di terminal



The screenshot shows the Visual Studio Code interface with a file explorer on the left showing a project named 'PERTEMUAN2' containing a file 'mahasiswa.json'. The terminal window at the bottom shows the command 'node' being executed, which starts the json-server. The output indicates that the server is running on http://localhost:3000/mahasiswa. Below this, there are three GET requests to the database, each with its response time: GET /db 200 11.975 ms - 784, GET /__rules 404 2.459 ms - 2, and GET /mahasiswa 200 8.032 ms - 693.

```
File Edit Selection View Go ... ← → Pertemuan2
EXPLORER
VS CODE PETS
mahasiswa.json
mahasiswa.json > [ ] mahasiswa > {} 3
{
  "id": 3,
  "nama": "AKHMAD HAIFAN NUR IZURI",
  "npm": 50422149,
  "jurusan": "Teknik Informatika",
  "kelas": "I1A19"
}

PROBLEMS TERMINAL DEBUG CONSOLE
node
Loading .\mahasiswa.json
Done

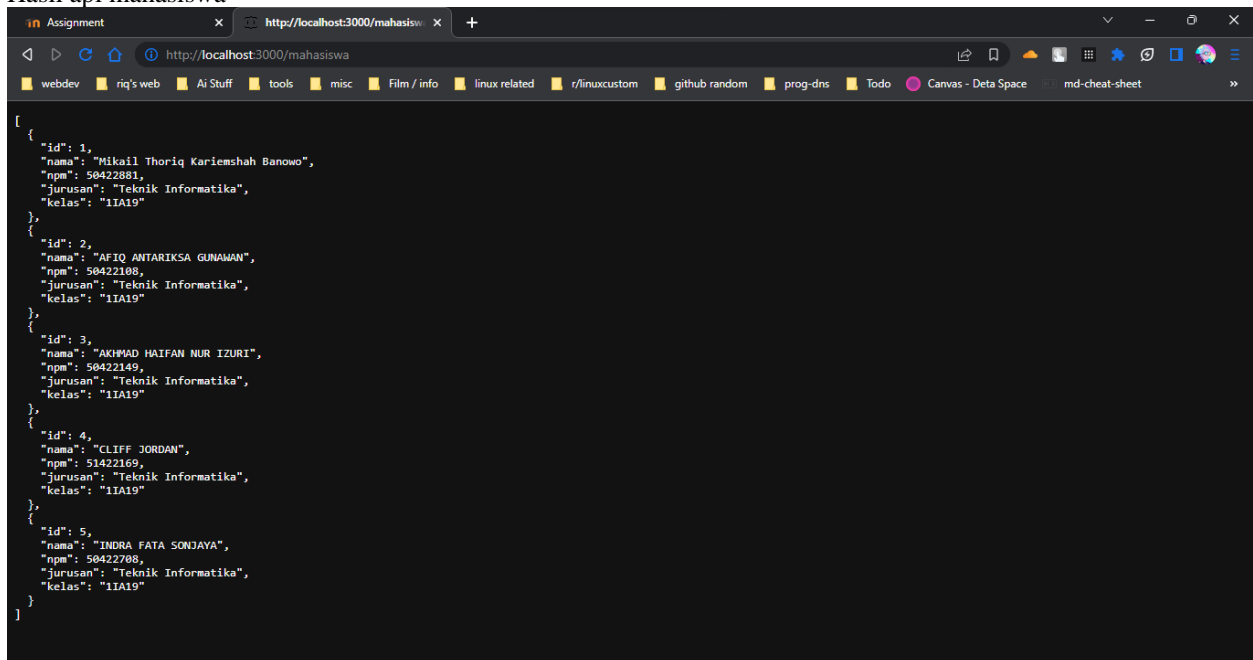
Resources
http://localhost:3000/mahasiswa

Home
http://localhost:3000

Type s + enter at any time to create a snapshot of the database
GET /db 200 11.975 ms - 784
GET /__rules 404 2.459 ms - 2
GET /mahasiswa 200 8.032 ms - 693

```

Hasil api mahasiswa



The screenshot shows a web browser window with the address bar displaying 'http://localhost:3000/mahasiswa'. The browser's developer tools are open, showing the JSON response from the API. The response is an array of five student objects, each containing 'id', 'nama', 'npm', 'jurusan', and 'kelas' fields.

```
Assignment
http://localhost:3000/mahasiswa
webdev riq's web Ai Stuff tools misc Film / info linux related r/linuxcustom github random prog-dns Todo Canvas - Deta Space md-cheat-sheet
[
  {
    "id": 1,
    "nama": "Mikail Thoriq Kariemshah Banowo",
    "npm": 50422881,
    "jurusan": "Teknik Informatika",
    "kelas": "I1A19"
  },
  {
    "id": 2,
    "nama": "AFIQ ANTIKSA GUNAWAN",
    "npm": 50422108,
    "jurusan": "Teknik Informatika",
    "kelas": "I1A19"
  },
  {
    "id": 3,
    "nama": "AKHMAD HAIFAN NUR IZURI",
    "npm": 50422149,
    "jurusan": "Teknik Informatika",
    "kelas": "I1A19"
  },
  {
    "id": 4,
    "nama": "CLIFF JORDAN",
    "npm": 51422169,
    "jurusan": "Teknik Informatika",
    "kelas": "I1A19"
  },
  {
    "id": 5,
    "nama": "INDRA FATA SONJAYA",
    "npm": 50422708,
    "jurusan": "Teknik Informatika",
    "kelas": "I1A19"
  }
]
```