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Mata Kuliah PBP Sesi 12

Berdasarkan praktikum yang telah dikerjakan, tambahkan fungsi berikut ini:

1. Buat middleware yang menghitung waktu eksekusi request dan menampilkannya di console.

```
checkTime.js
module.exports = (req, res, next) => {
  const hour = new Date().getHours();

  if (hour < 8 || hour >= 18) {
    return res.status(403).json({
      status: "failed",
      message: "API hanya bisa diakses pukul 08.00 - 18.00"
    });
  }

  next();
};

executionTime.js
const start = Date.now(); // waktu mulai

res.on('finish', () => {
  const duration = Date.now() - start;
  console.log(`[EXECUTION TIME] ${req.method} ${req.url} - ${duration} ms`);
});

next();

```

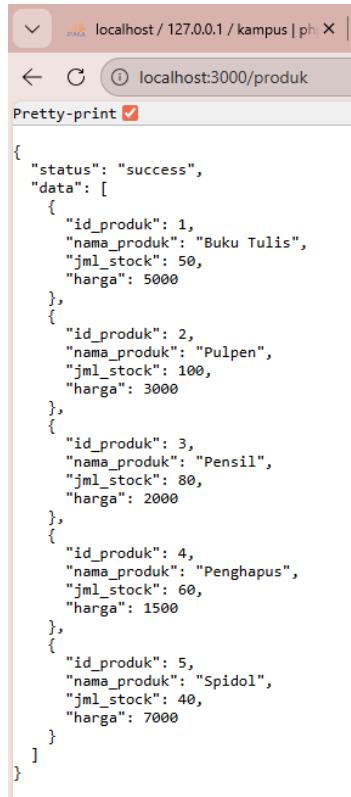
2. Tolak request jika API diakses di luar jam 08.00 – 18.00.

Postman Response Body:

```
{"status": "failed", "message": "API hanya bisa diakses pukul 08.00 - 18.00"}
```

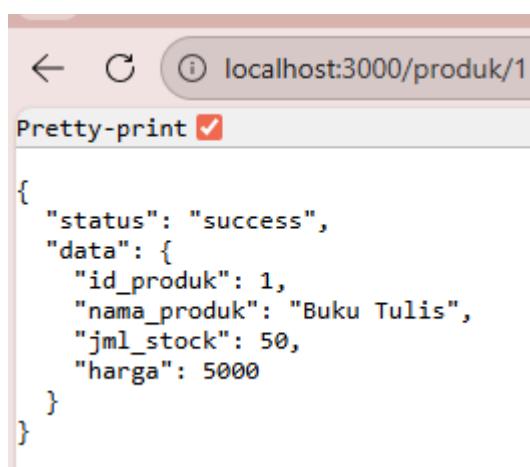
3. Upload script pada github dan lampirkan screenshoot hasil pengujiannya.

Di bawah jam 18.00



A screenshot of a browser window showing a JSON response. The URL in the address bar is "localhost:3000/produk". The response is a JSON object with "status": "success" and "data": [...]. The "data" array contains five objects, each representing a product with fields: id_produk, nama_produk, jml_stock, and harga. The products listed are: Buku Tulis (id 1), Pulpen (id 2), Pensil (id 3), Penghapus (id 4), and Spidol (id 5).

```
{
  "status": "success",
  "data": [
    {
      "id_produk": 1,
      "nama_produk": "Buku Tulis",
      "jml_stock": 50,
      "harga": 5000
    },
    {
      "id_produk": 2,
      "nama_produk": "Pulpen",
      "jml_stock": 100,
      "harga": 3000
    },
    {
      "id_produk": 3,
      "nama_produk": "Pensil",
      "jml_stock": 80,
      "harga": 2000
    },
    {
      "id_produk": 4,
      "nama_produk": "Penghapus",
      "jml_stock": 60,
      "harga": 1500
    },
    {
      "id_produk": 5,
      "nama_produk": "Spidol",
      "jml_stock": 40,
      "harga": 7000
    }
  ]
}
```



A screenshot of a browser window showing a JSON response for a specific product. The URL in the address bar is "localhost:3000/produk/1". The response is a JSON object with "status": "success" and "data": { ... }. The "data" object contains one object representing the product with id 1, which is Buku Tulis, having 50 stock units and a price of 5000.

```
{
  "status": "success",
  "data": {
    "id_produk": 1,
    "nama_produk": "Buku Tulis",
    "jml_stock": 50,
    "harga": 5000
  }
}
```

GET

```

{
  "status": "success",
  "data": [
    {
      "id_produk": 1,
      "nama_produk": "Buku Tulis",
      "jumlah": 100,
      "harga": 3000
    },
    {
      "id_produk": 2,
      "nama_produk": "Pulpen",
      "jumlah": 100,
      "harga": 3000
    }
  ]
}

```

GET by ID

```

{
  "status": "success",
  "data": [
    {
      "id_produk": 2,
      "nama_produk": "Pulpen",
      "jumlah": 100,
      "harga": 3000
    }
  ]
}

```

DI ATAS JAM 18.00

```

{
  "status": "failed",
  "message": "API hanya bisa diakses puluk 08.00 - 18.00"
}

```

```

{
  "status": "failed",
  "message": "API hanya bisa diakses puluk 08.00 - 18.00"
}

```