

IMPLEMENTASI JWT PADA TUGAS 1

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Tugas 2 : Mengimplementasikan JWT pada Tugas 1

Link Hasil Praktik : [LINK](#)

Menguji API yang sudah dibuat menggunakan Postman.

1. REGISTER USER (Daftar User Baru)

- Method: **POST**
- URL: **http://127.0.0.1:5000/register**
- Headers:
 - **Content-Type: application/json**

- Body (JSON):

```
{  
  "username": "pangeran",  
  "password": "rahasia"  
}
```

- Respon Sukses:

```
{
```

```
"message": "User berhasil dibuat!"
```

```
}
```

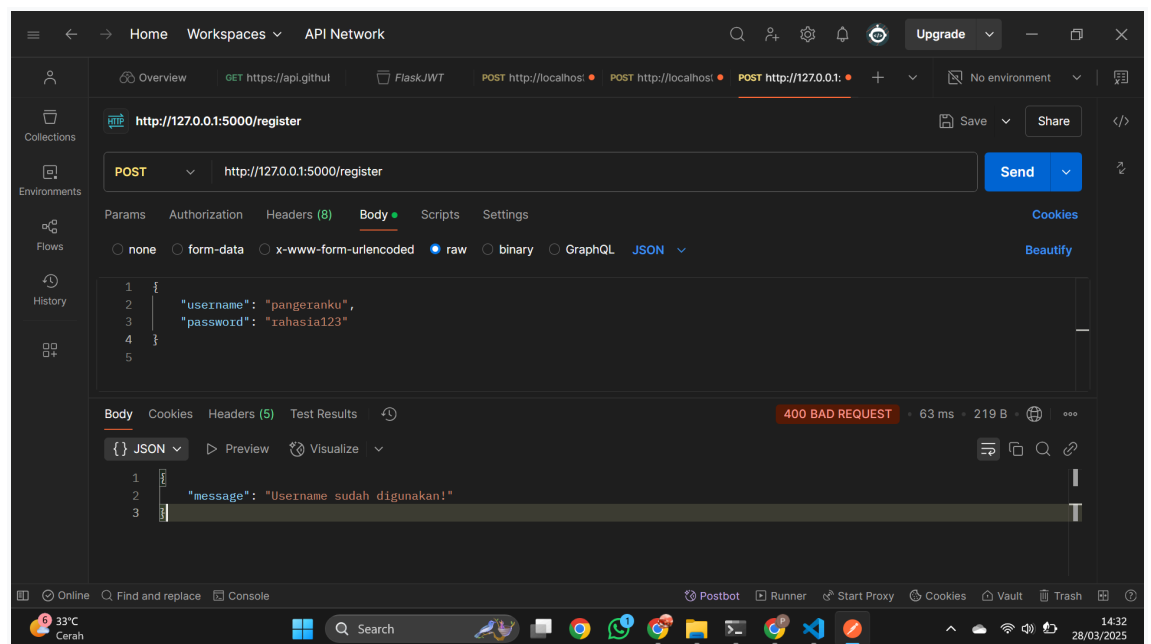
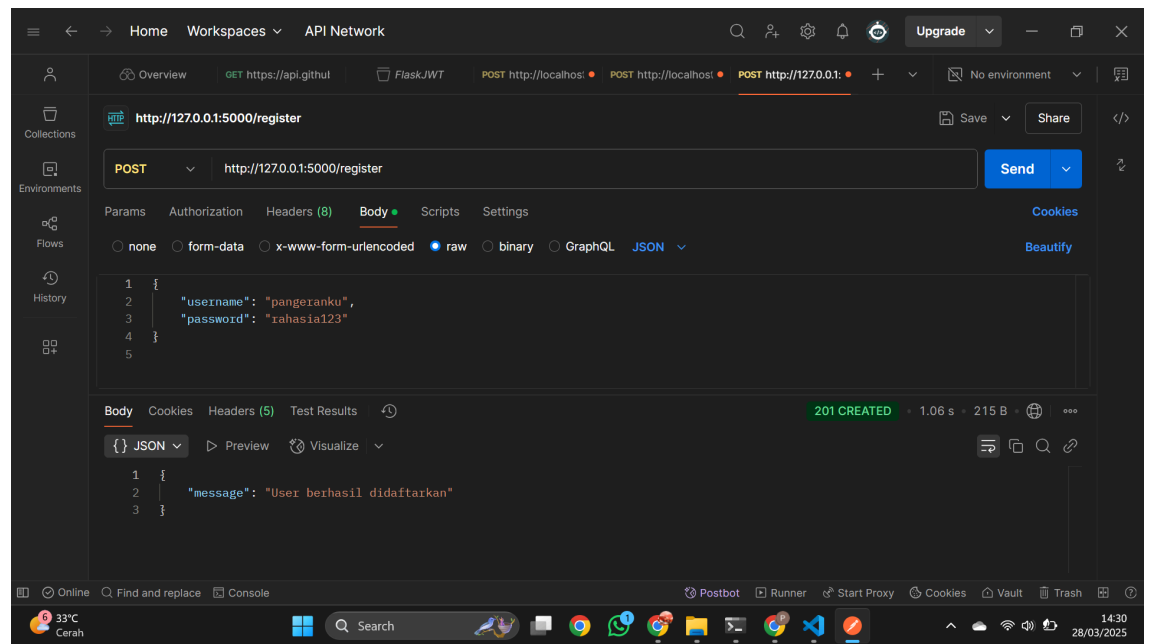
- Respon Jika Username Sudah Ada:

```
{
```

```
"message": "Username sudah digunakan!"
```

```
}
```

- Gambar :



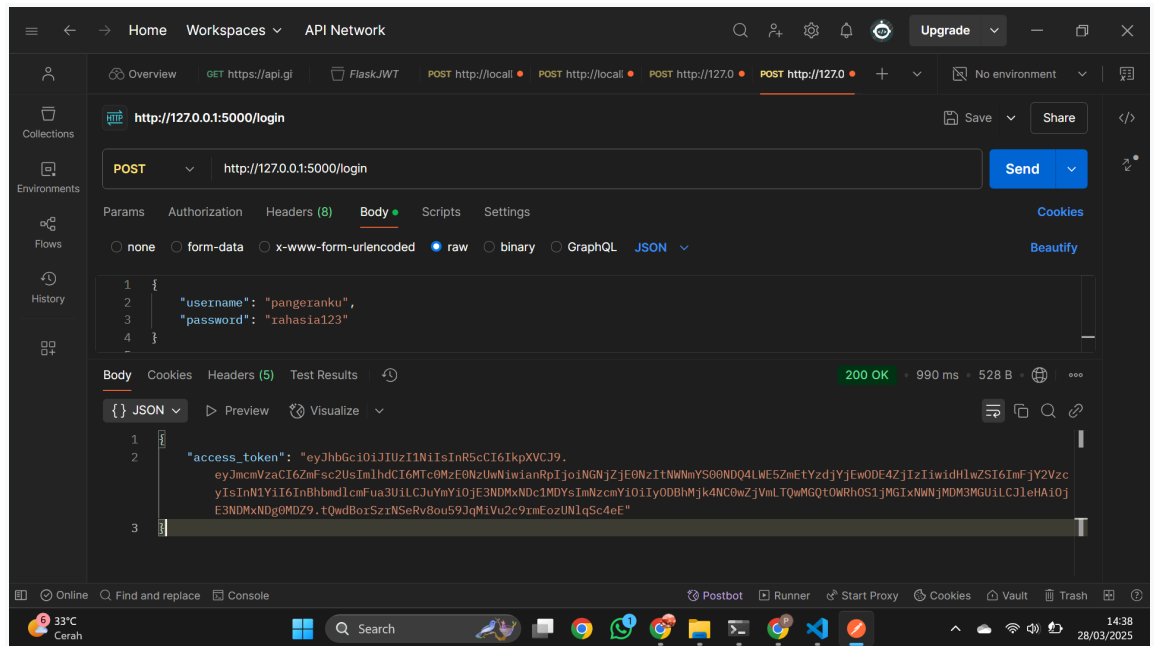
2. LOGIN USER (Dapatkan Token JWT)

- **Method:** POST
- **URL:** <http://127.0.0.1:5000/login>
- **Headers :** Content-Type: application/json
- **Body (JSON)**

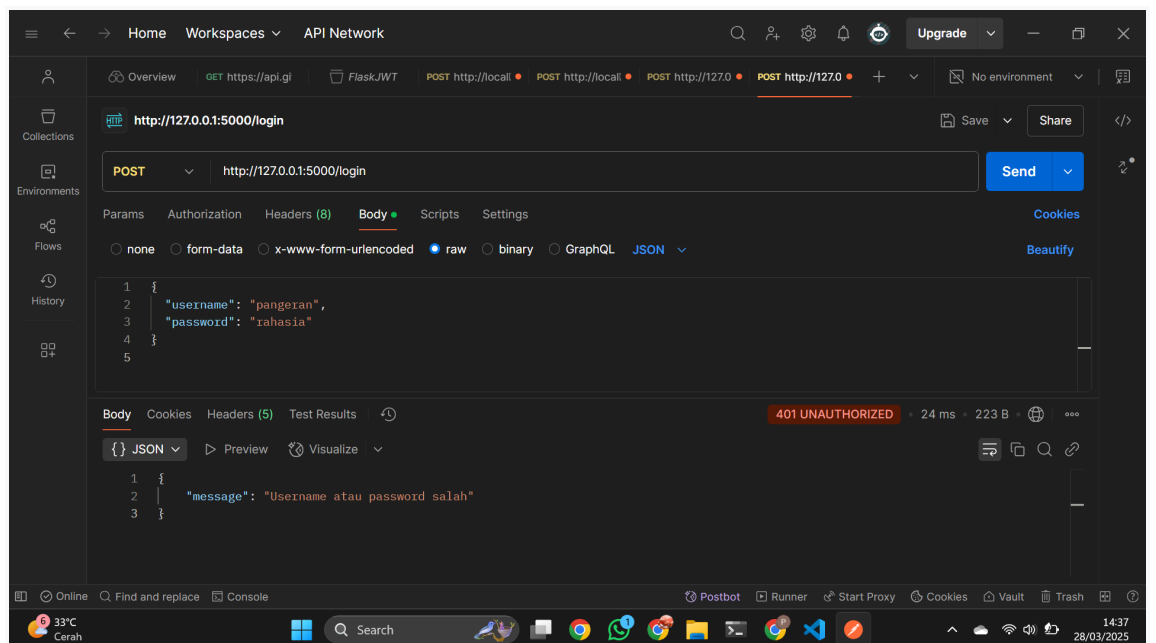
```
{
```

```
"username": "pangeran",  
"password": "rahasia"  
}
```

- Respon Sukses (Simpan Token ini! 🔥)



- Respon Jika Username/Password Salah:

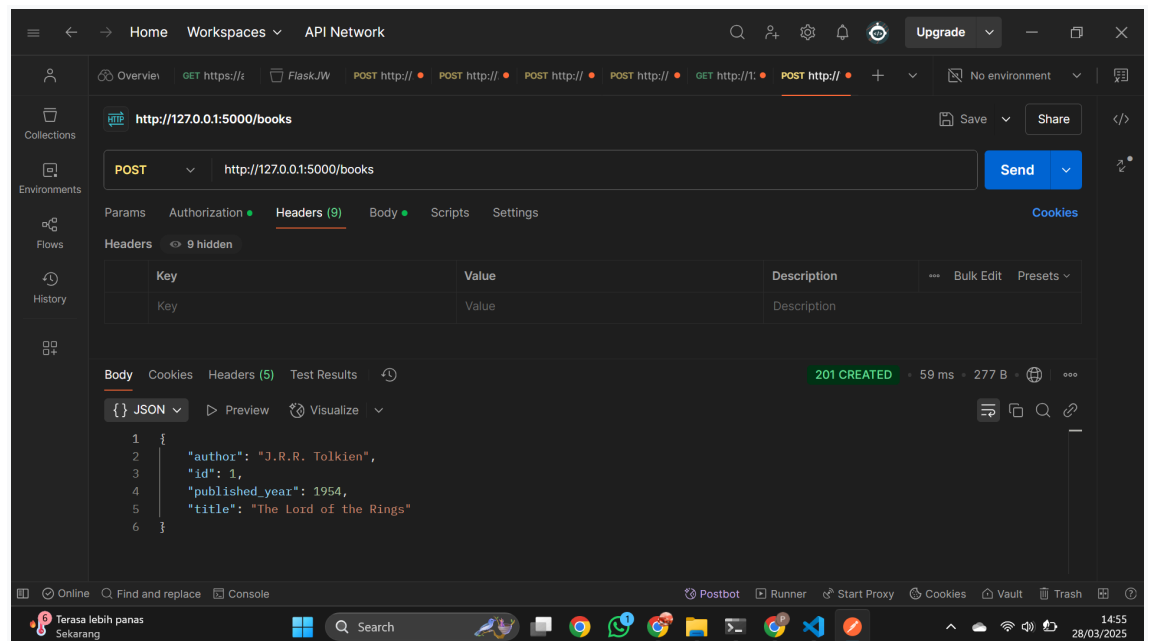


3. ADD NEW BOOK (Harus Login!)

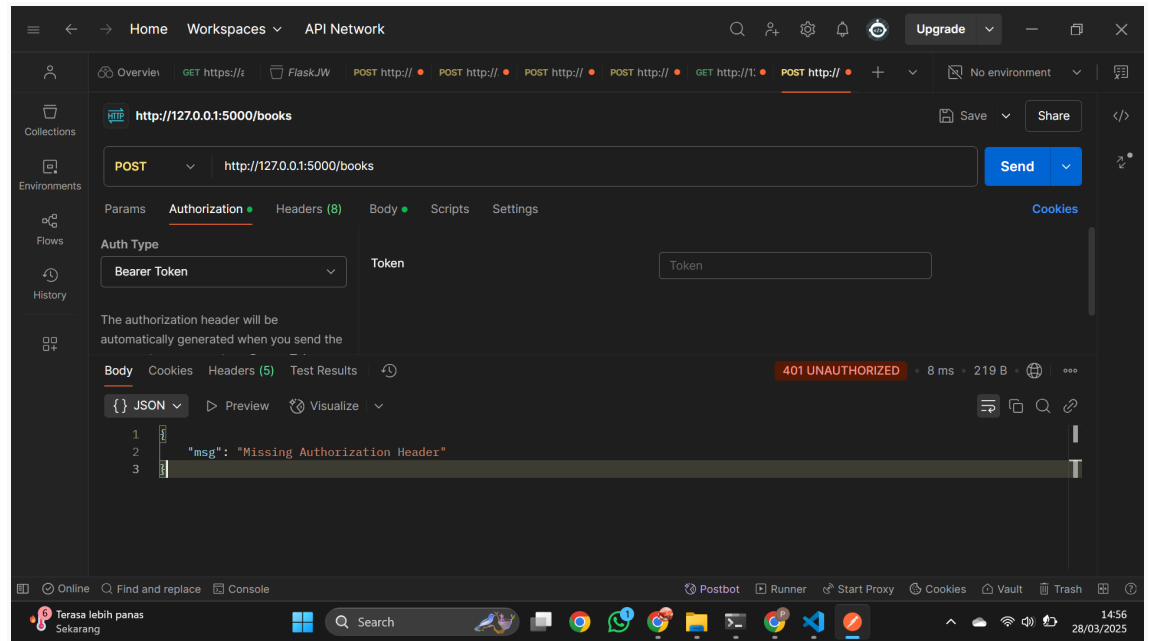
- Method : POST
- URL : <http://127.0.0.1:5000/books>
- Headers :
 - Authorization: Bearer <token_dari_login>
 - Content-Type: application/json
- Body (JSON)

```
{  
  
  "title": "The Lord of the Rings",  
  
  "author": "J.R.R. Tolkien",  
  
  "published_year": 1954  
}
```

- Respon Sukses

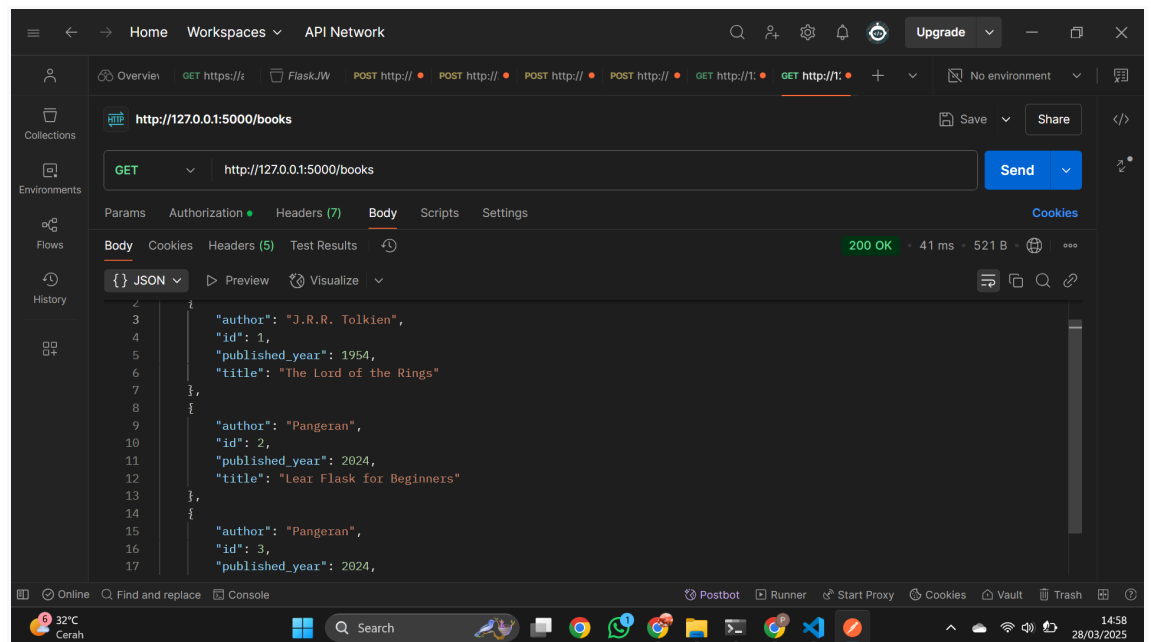


- Respon Jika Tanpa Token

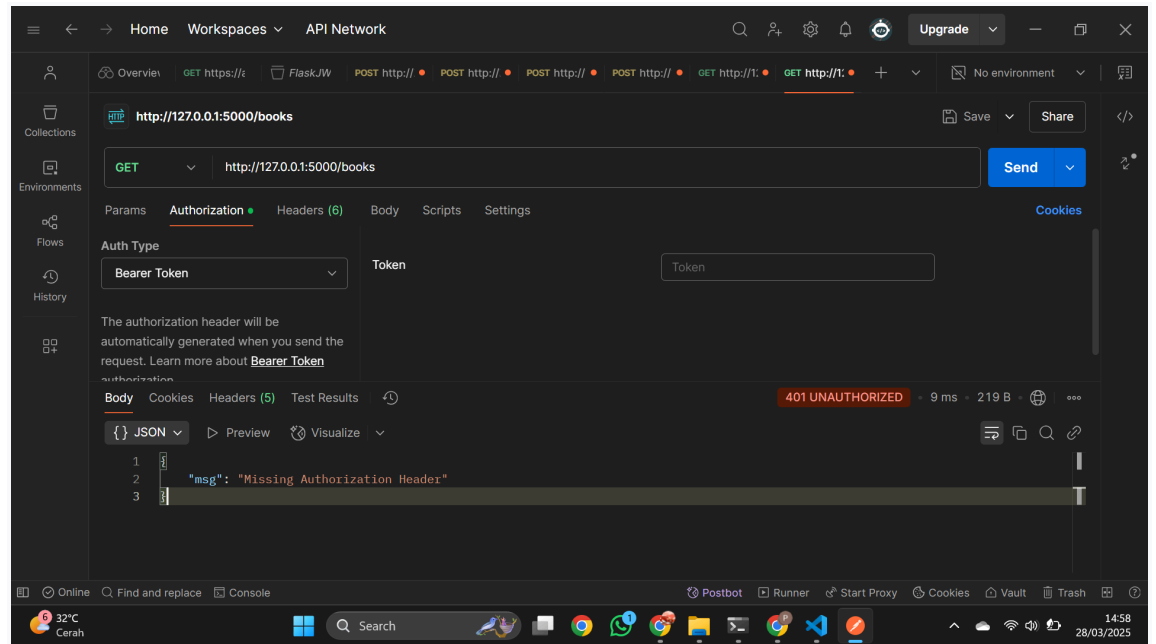


4. GET ALL BOOKS(Harus Login)

- Method : GET
- URL : <http://127.0.0.1:5000/books>
- Headers : Authorization: Bearer <token_dari_login>
- Respon Sukses

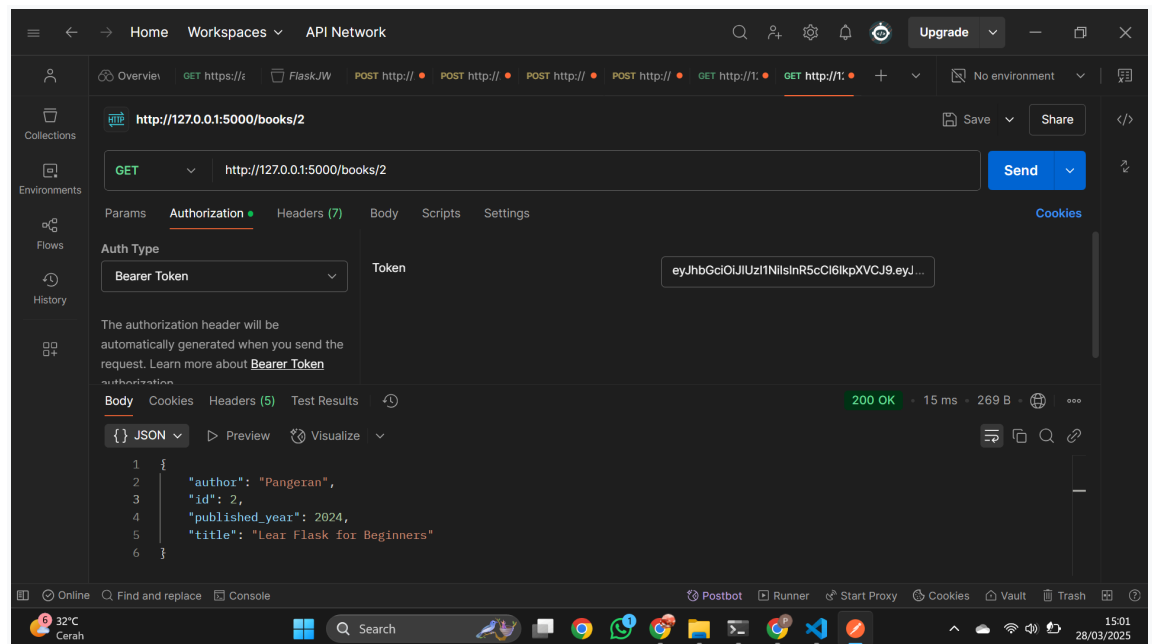


- Respon Jika tanpa Token

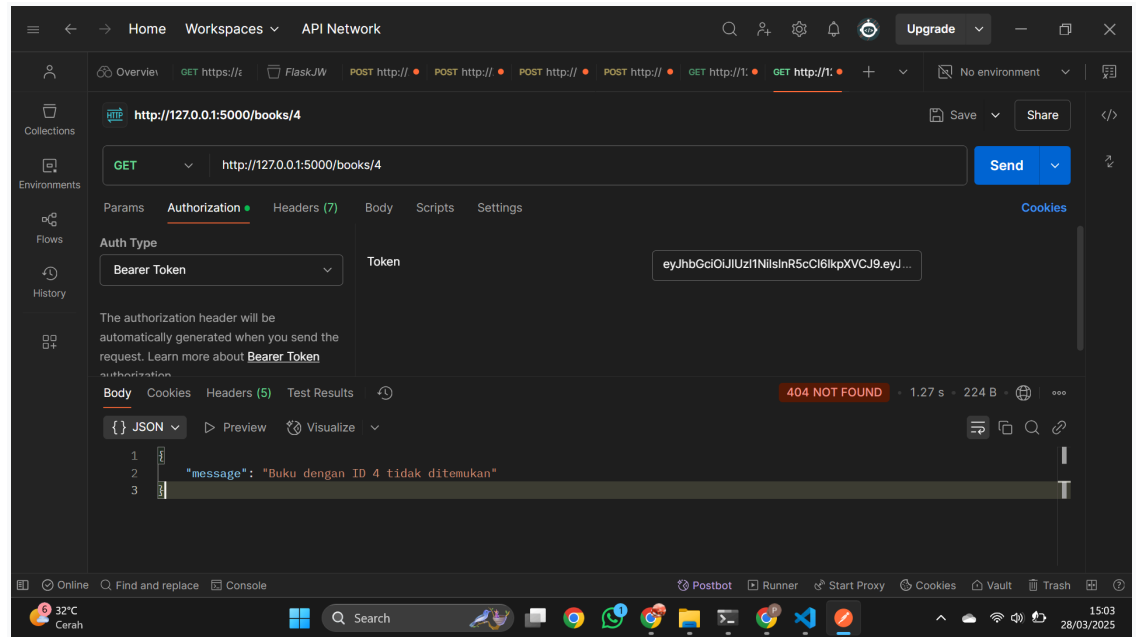


5. GET BOOK BY ID (Harus Login)

- Method : GET
- URL : <http://127.0.0.1:5000/books/1>
- Headers :
 - Authorization: Bearer <token_dari_login>
- Respon Sukses



- Respon Jika ID Tidak Ditemukan

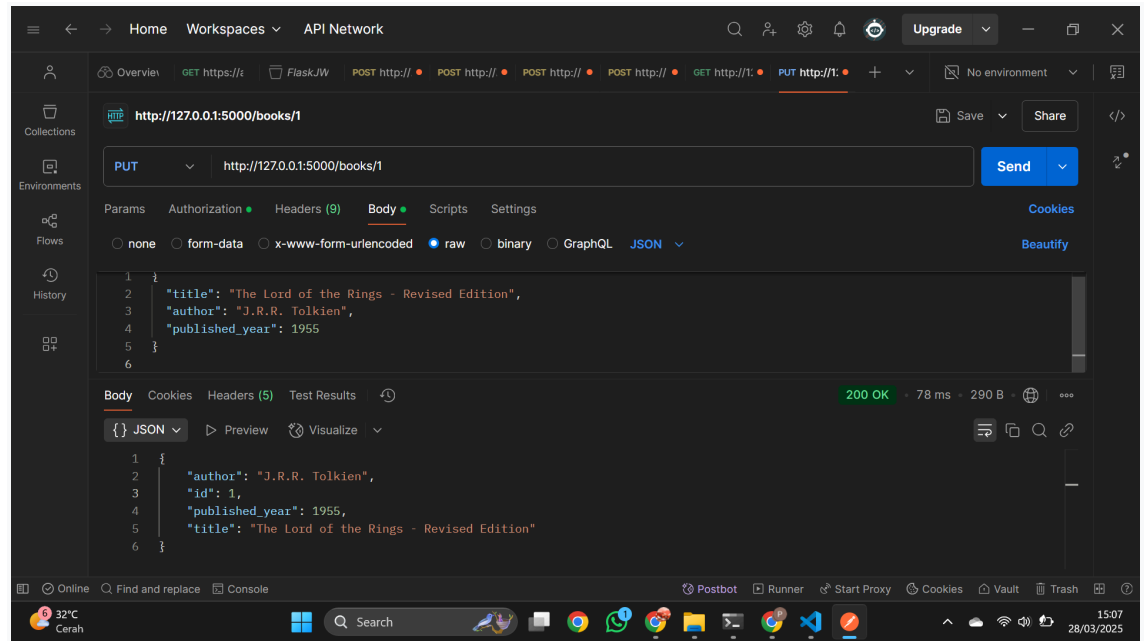


6. UPDATE BOOK (Harus Login)

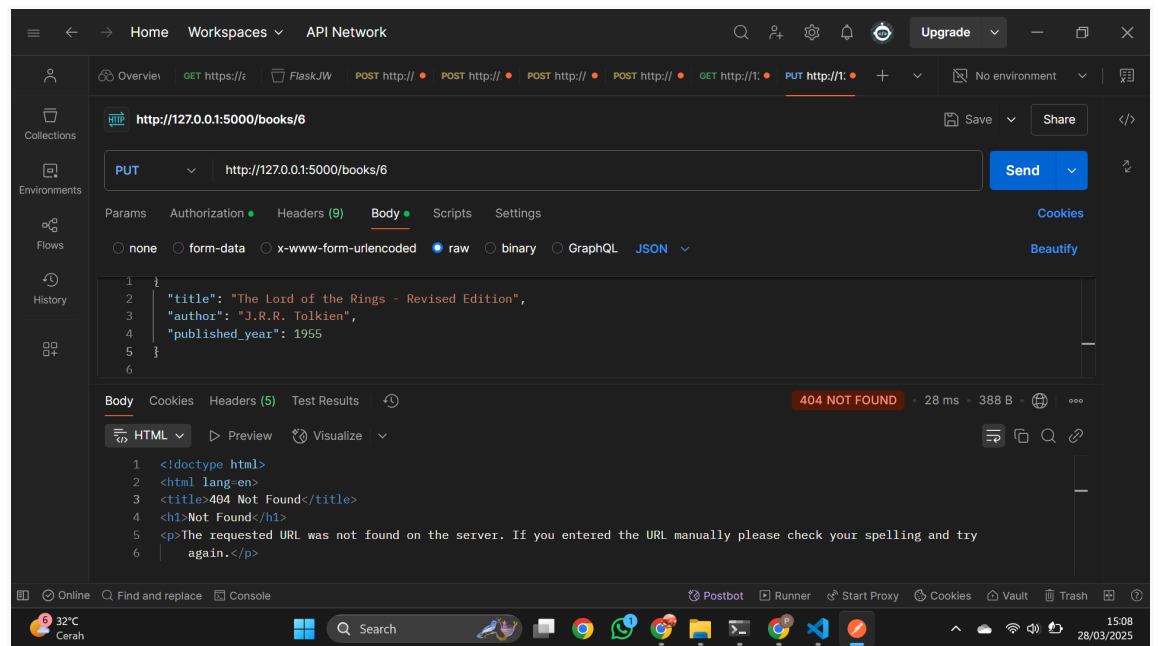
- Method : PUT
- URL : <http://127.0.0.1:5000/books/1>
- Headers :
 - Authorization: Bearer <token_dari_login>
 - Content-Type: application/json
- Body (JSON - Contoh Perubahan Data)

```
{  
  "title": "The Lord of the Rings - Revised Edition",  
  "author": "J.R.R. Tolkien",  
  "published_year": 1955  
}
```

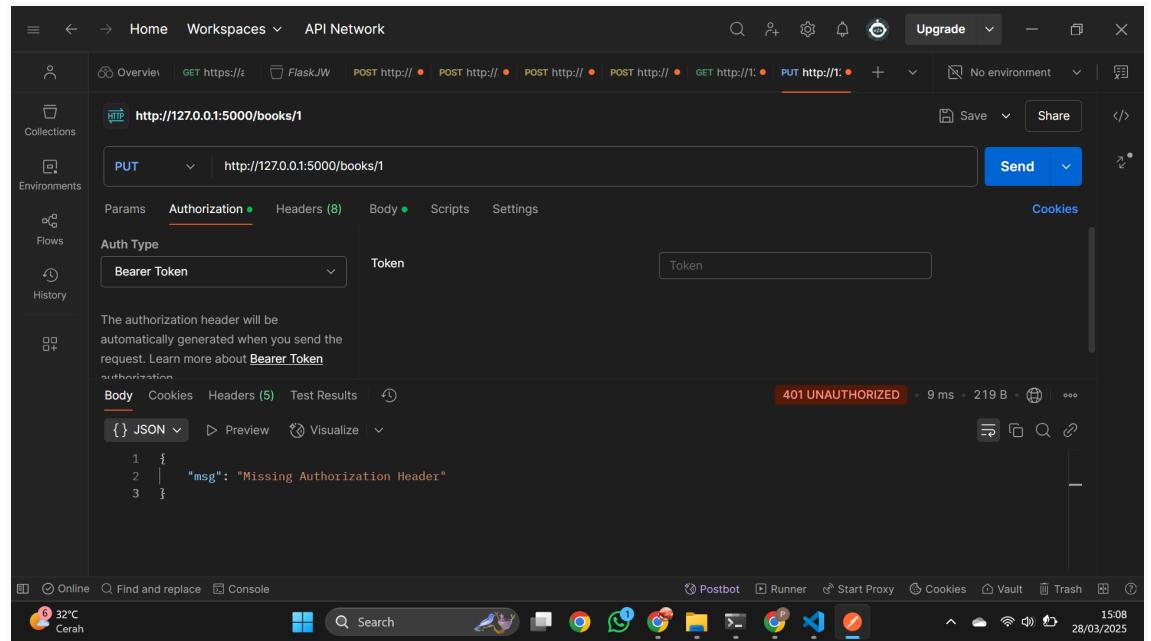
- Respon Sukses



- Respon Jika ID Tidak Ditemukan

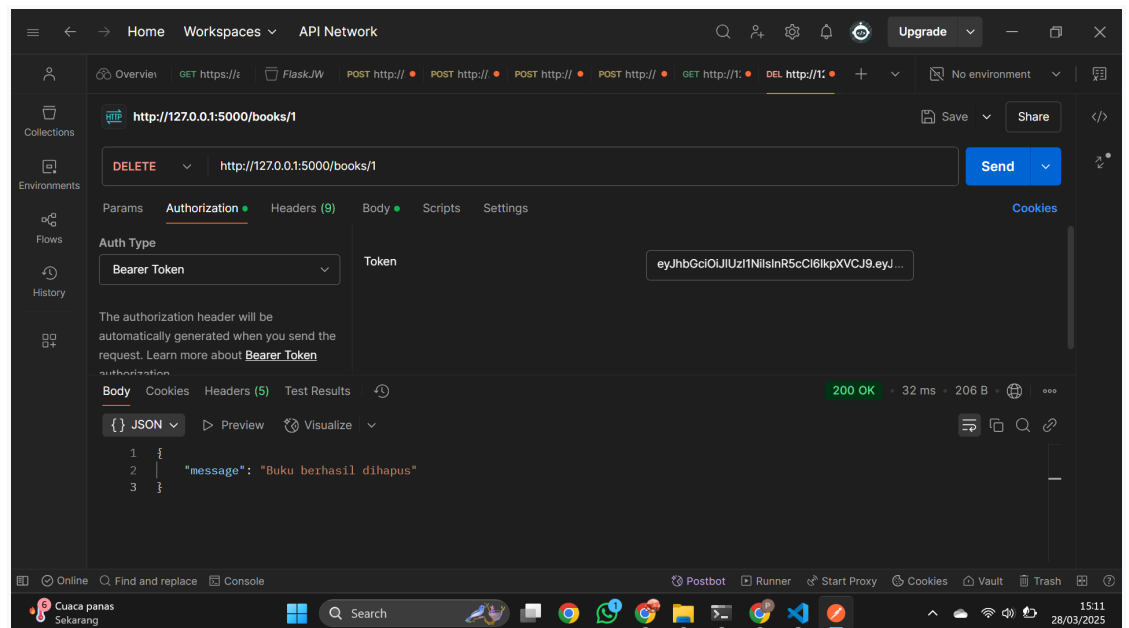


- Respon Jika Tanpa Login

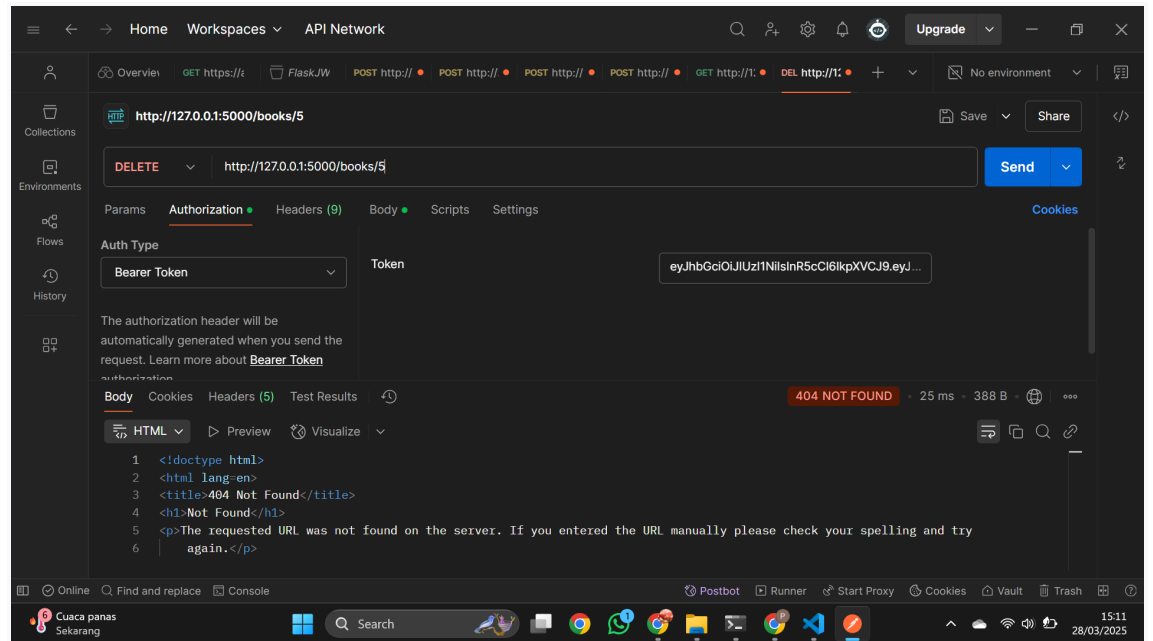


7. DELETE BOOK (Harus Login)

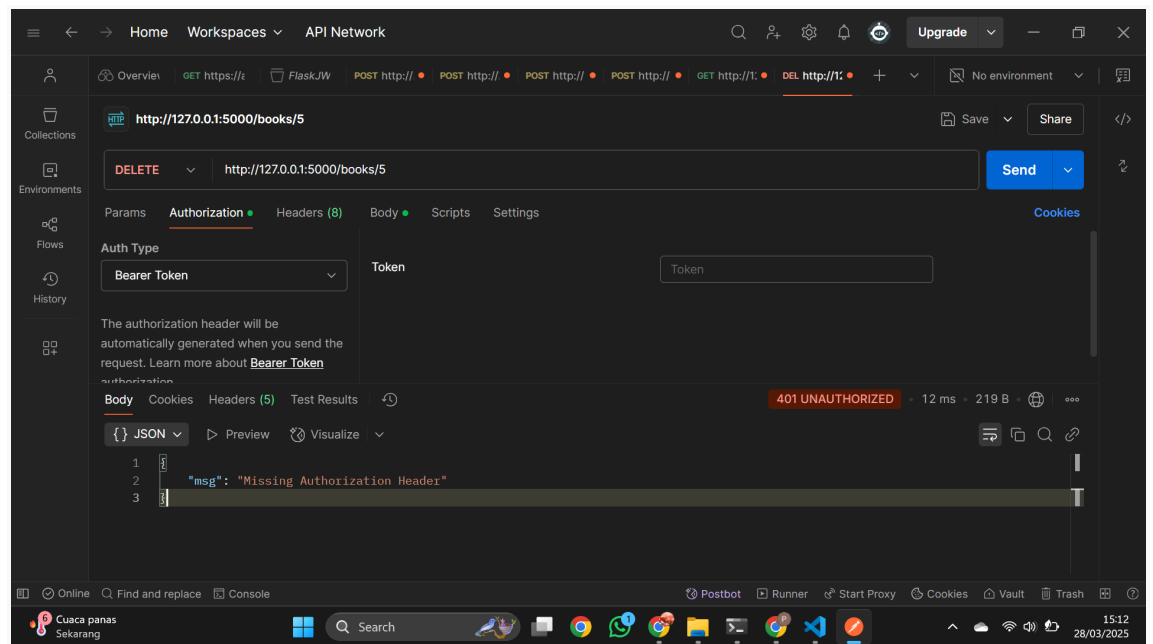
- Method : DELETE
- URL : <http://127.0.0.1:5000/books/1>
- Headers :
 - Authorization: Bearer <token_dari_login>
- Respon Sukses



- Respon Jika ID Tidak Ditemukan



- Respon Jika Tanpa Token



8. Token Expired

