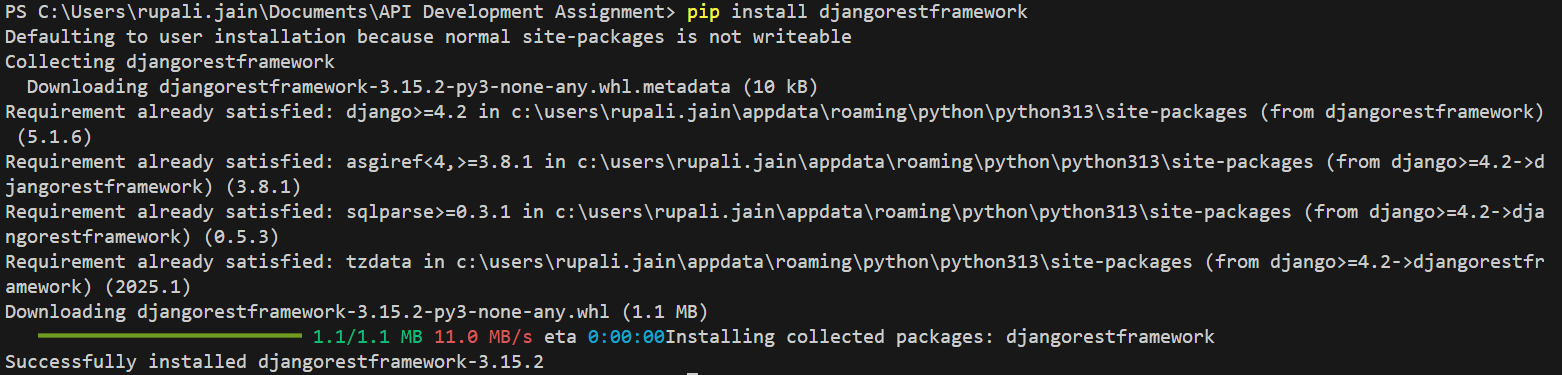
1. **Setup**
2. Create a Django project named task\_manager:



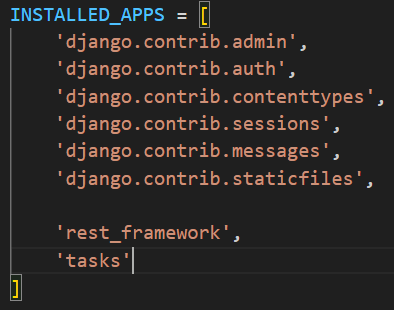
1. Create a Django app named tasks:



1. Install Django REST Framework (pip install djangorestframework):



1. Add rest\_framework and tasks to INSTALLED\_APPS:



1. **Models**

Create a Task model with the following fields:

title (CharField, max\_length=255)

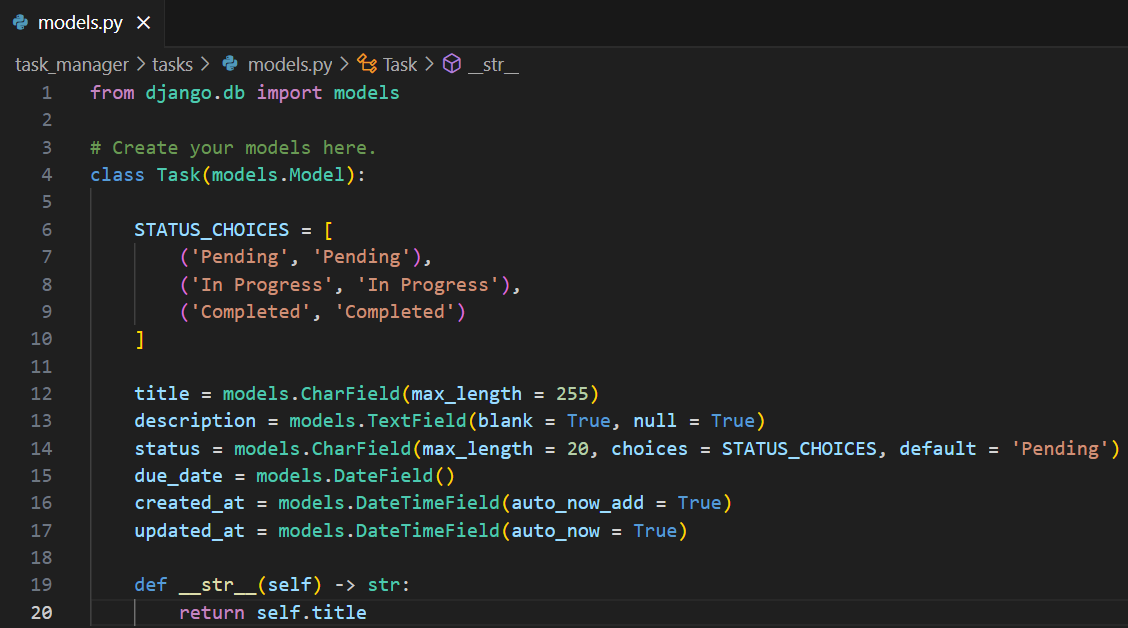
description (TextField, optional)

status (CharField with choices: Pending, In Progress, Completed)

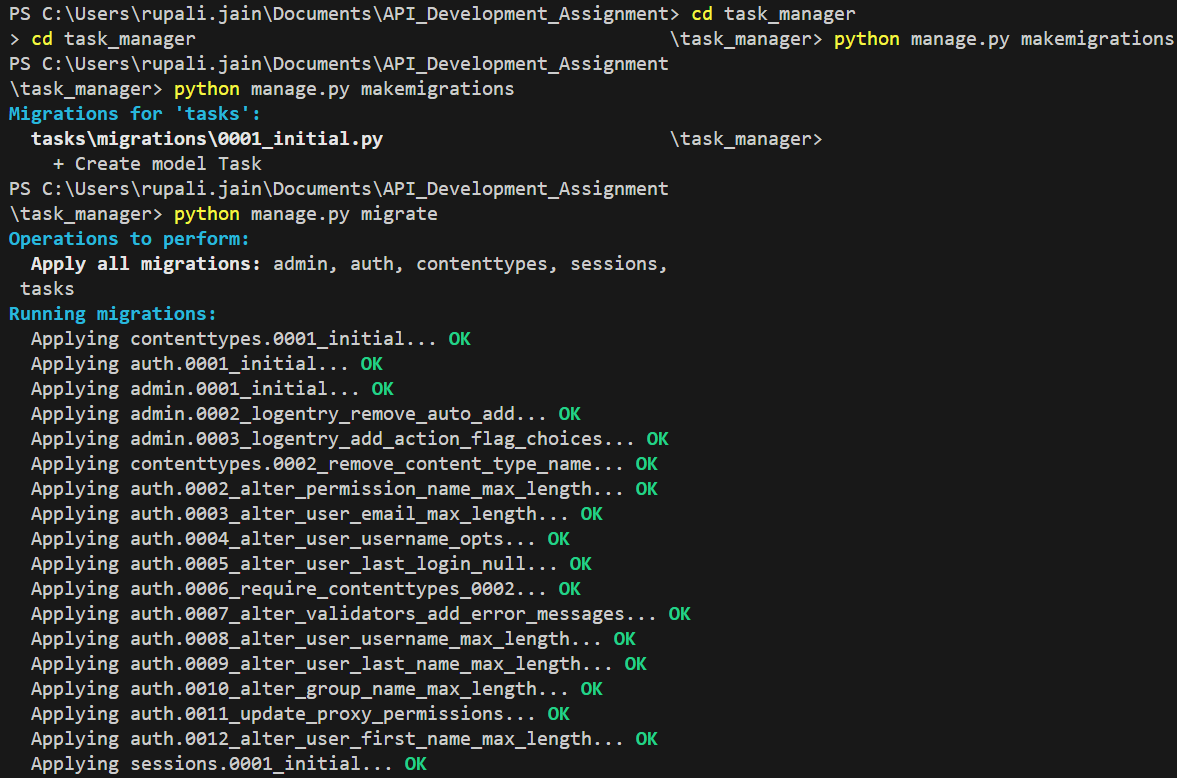
due\_date (DateField)

created\_at (DateTimeField, auto\_now\_add=True)

updated\_at (DateTimeField, auto\_now=True)

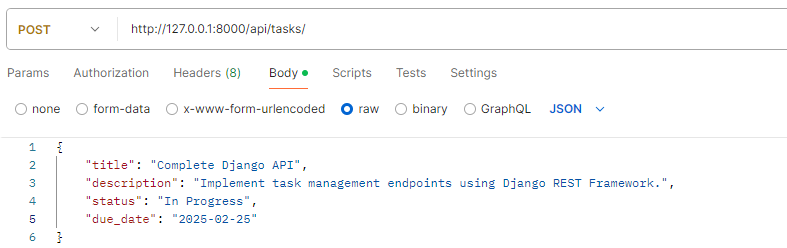


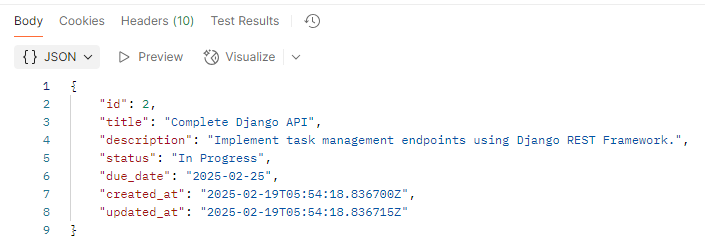
Migrating the Model:



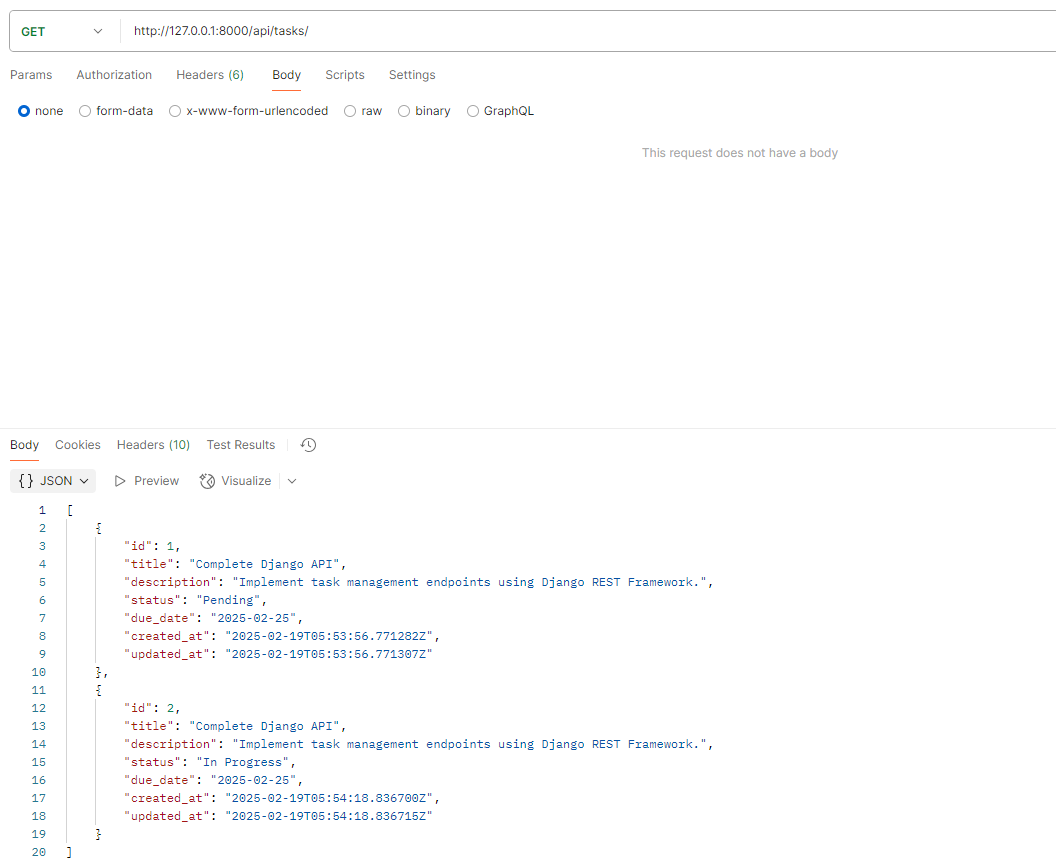
1. **API Endpoints**

Creating a task

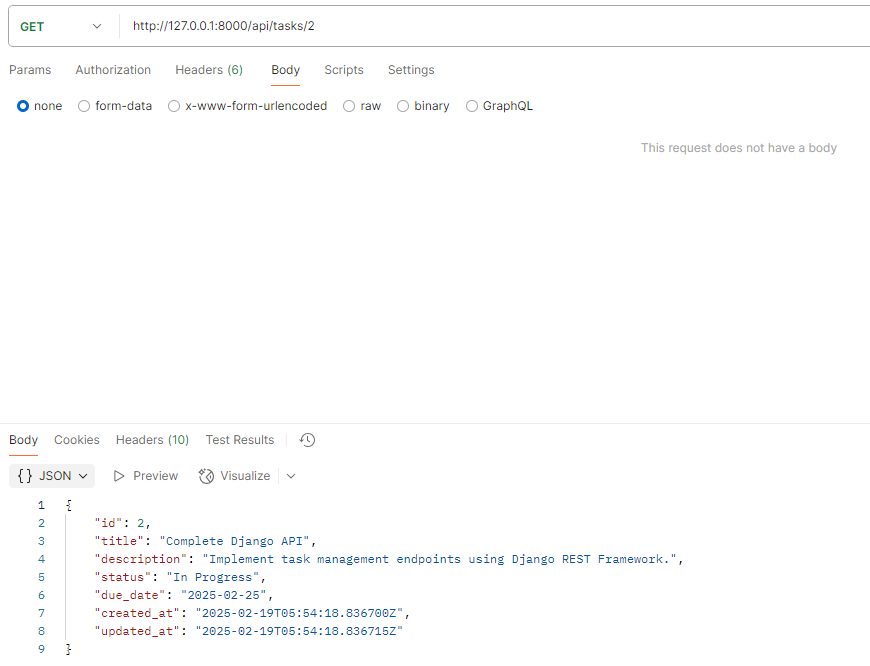




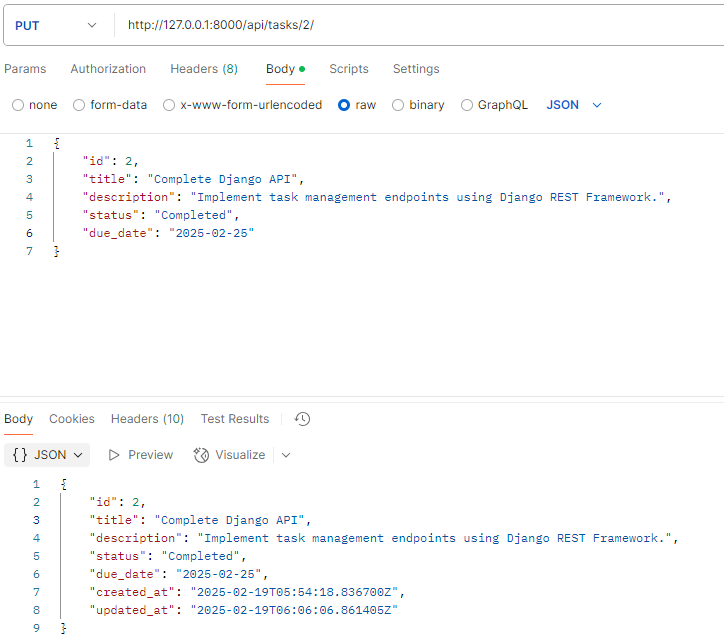
Lists all tasks



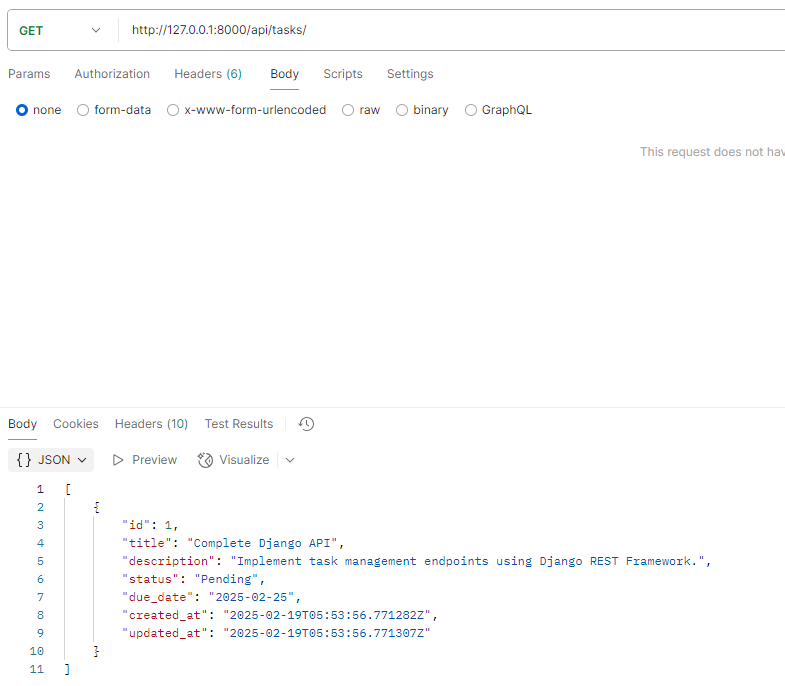
Retrieve a task by ID



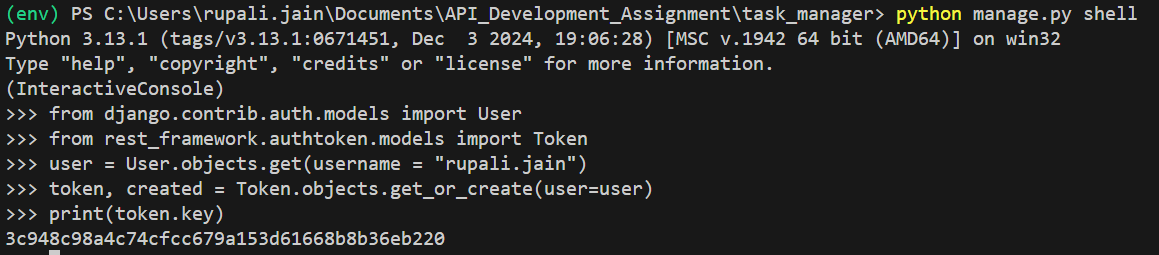
Updating a task



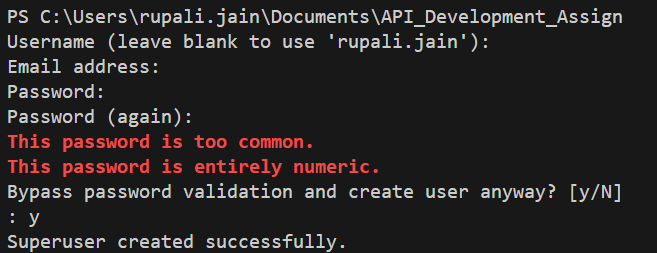
Deleted task 2

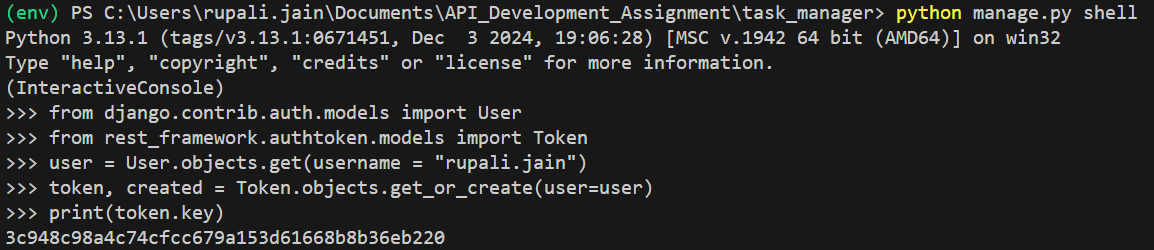


Generated a Token



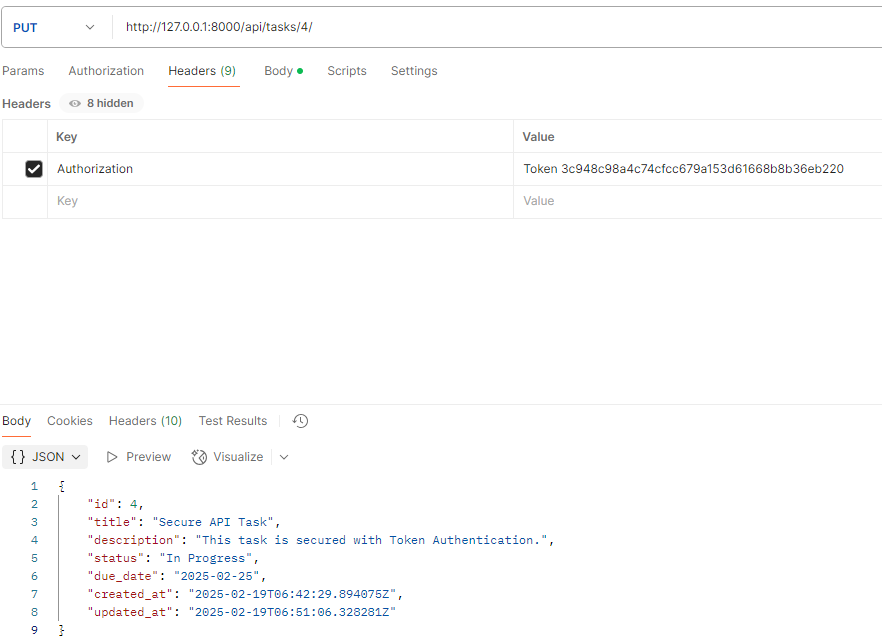
Created a super User



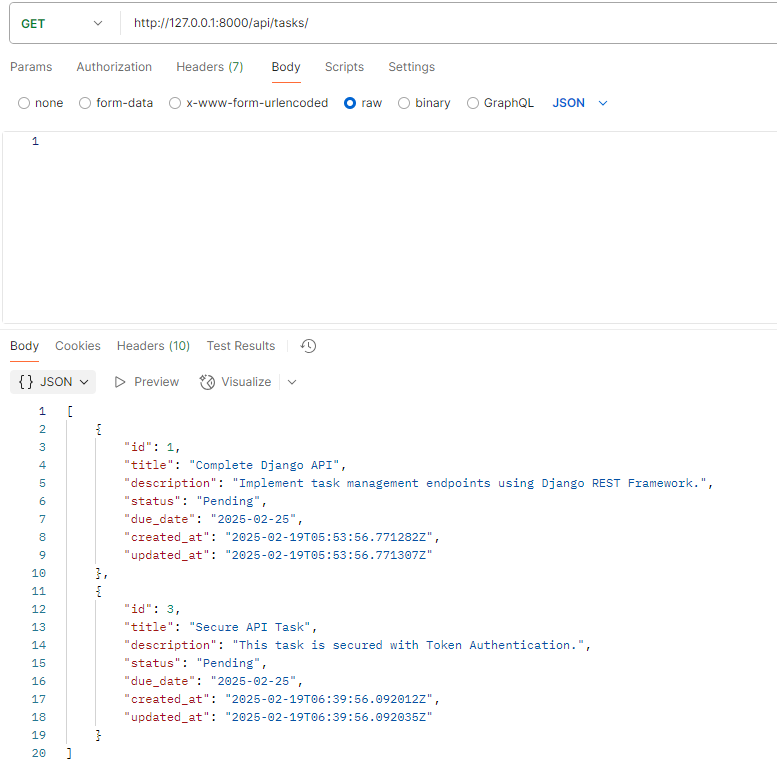


1. **Authentication & Permissions**

Updated a task with token Authentication

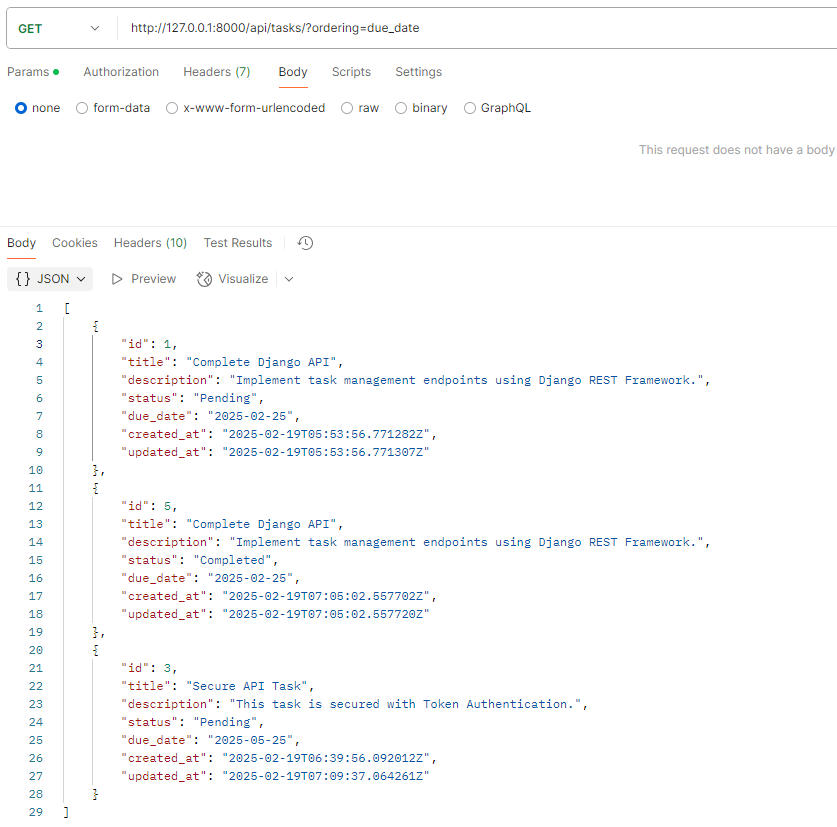


After deleting with token Authentication



1. **Filtering & Ordering**

Implement ordering by due\_date (?ordering=due\_date) In ascending



Implement ordering by due\_date (?ordering=due\_date) In ascending

