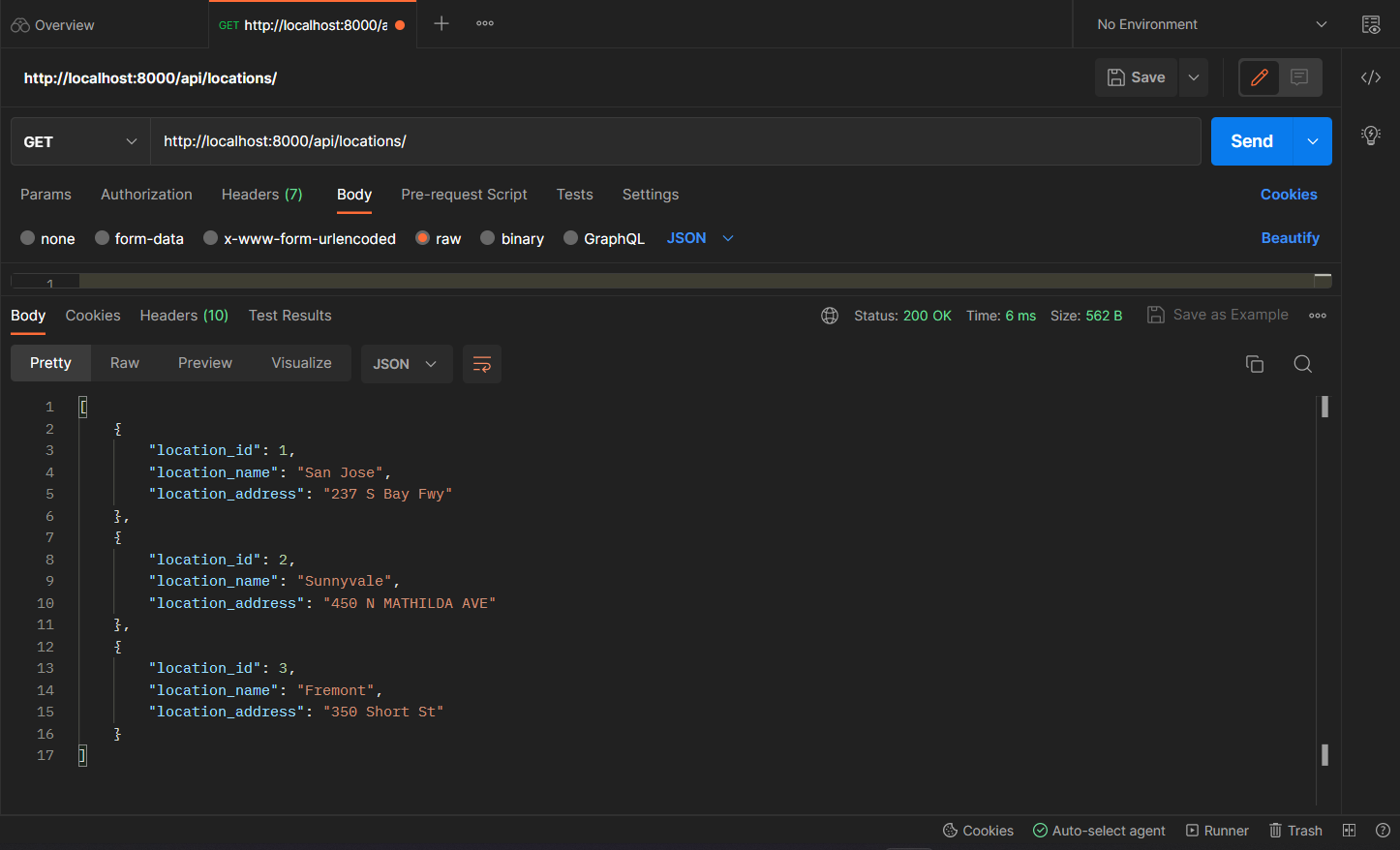
**CMPE 202 – Gym Management System – API screenshot Documentation**

To retrieve all the location objects

GET

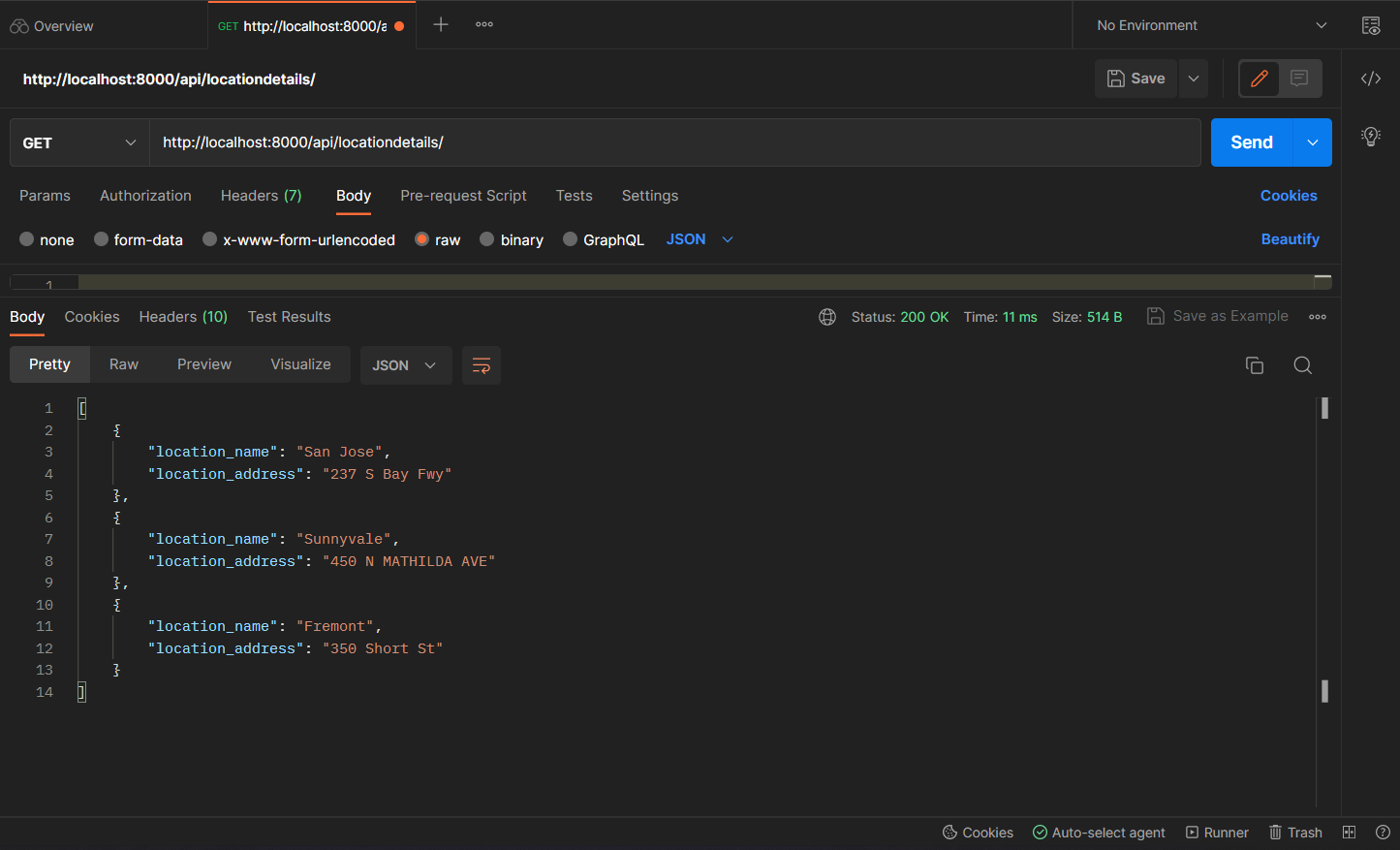
<http://localhost:8000/api/locations/>



To retrieve all location names and addresses

GET

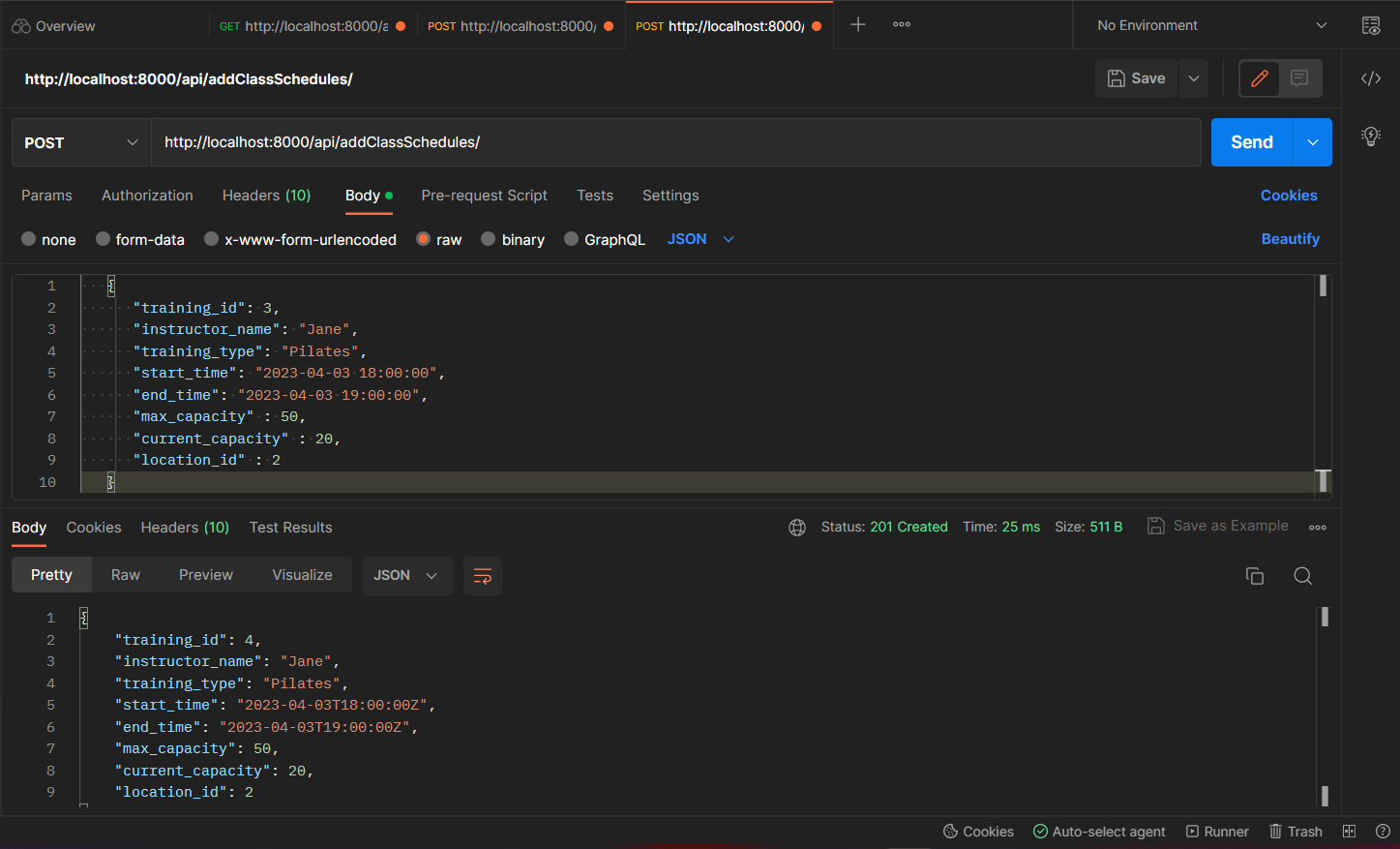
<http://localhost:8000/api/locationdetails/>



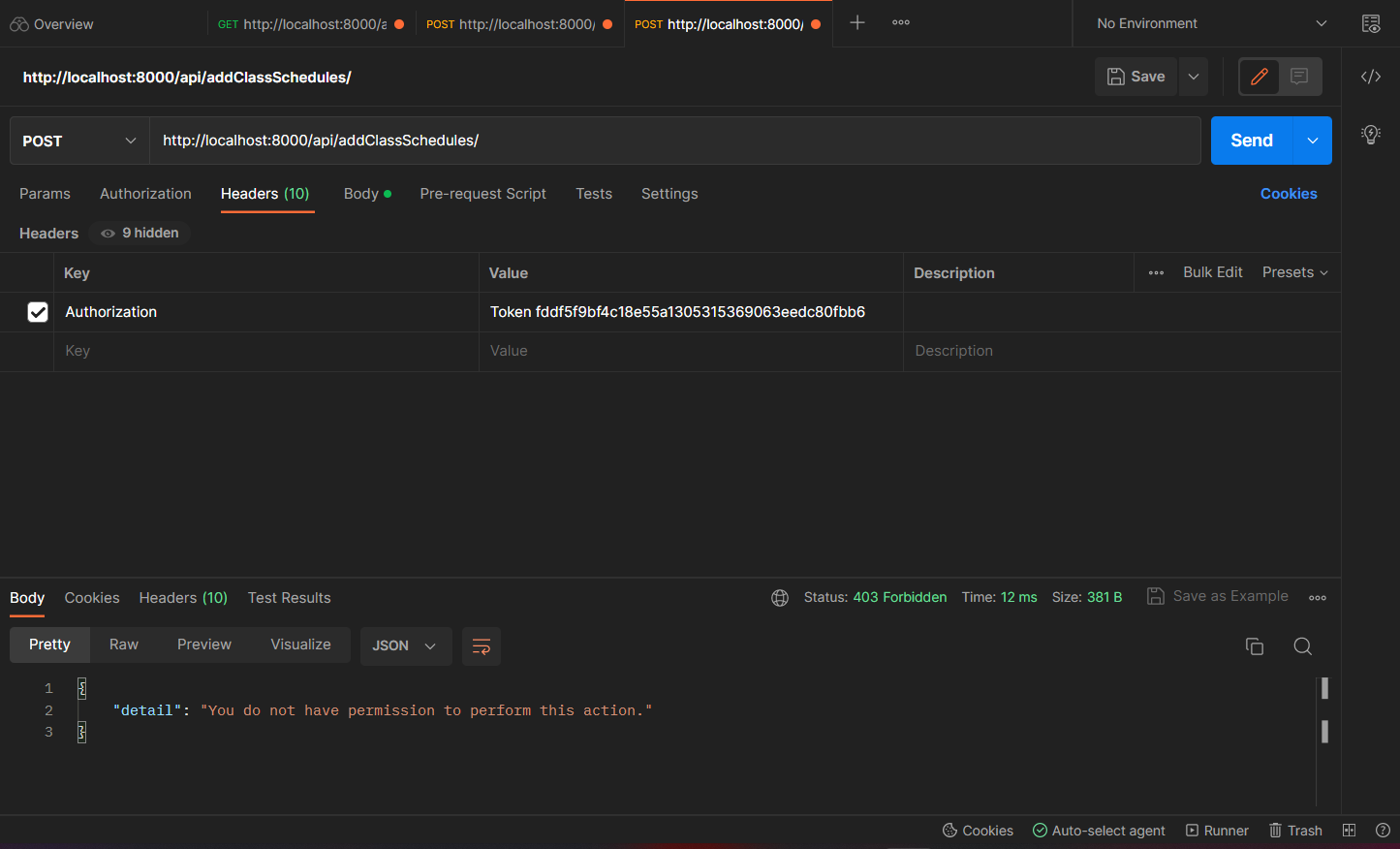
Admin can only add class Trainings

POST

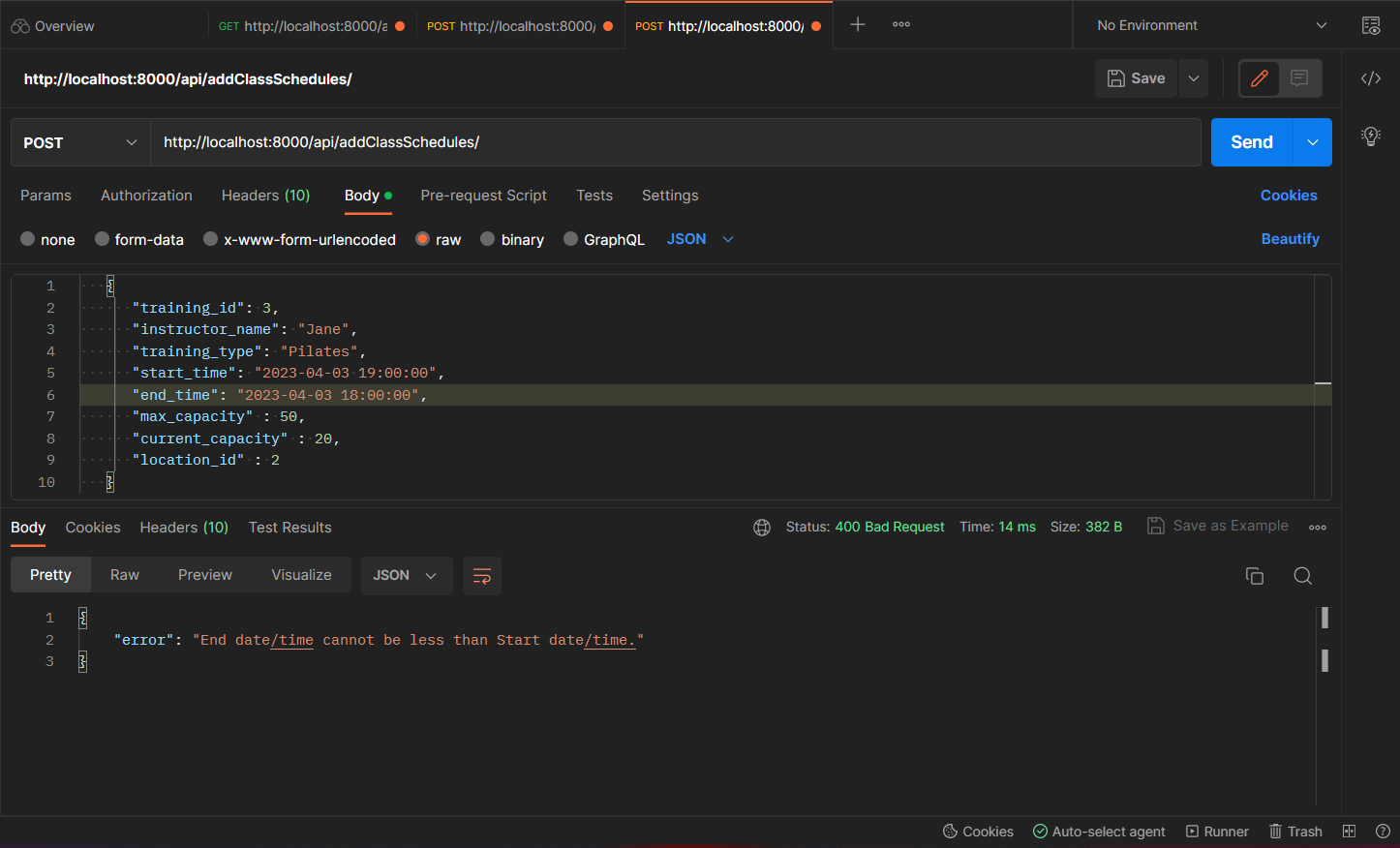
<http://localhost:8000/api/addClassSchedules/>



Members cannot add the class as shown in the below screenshot



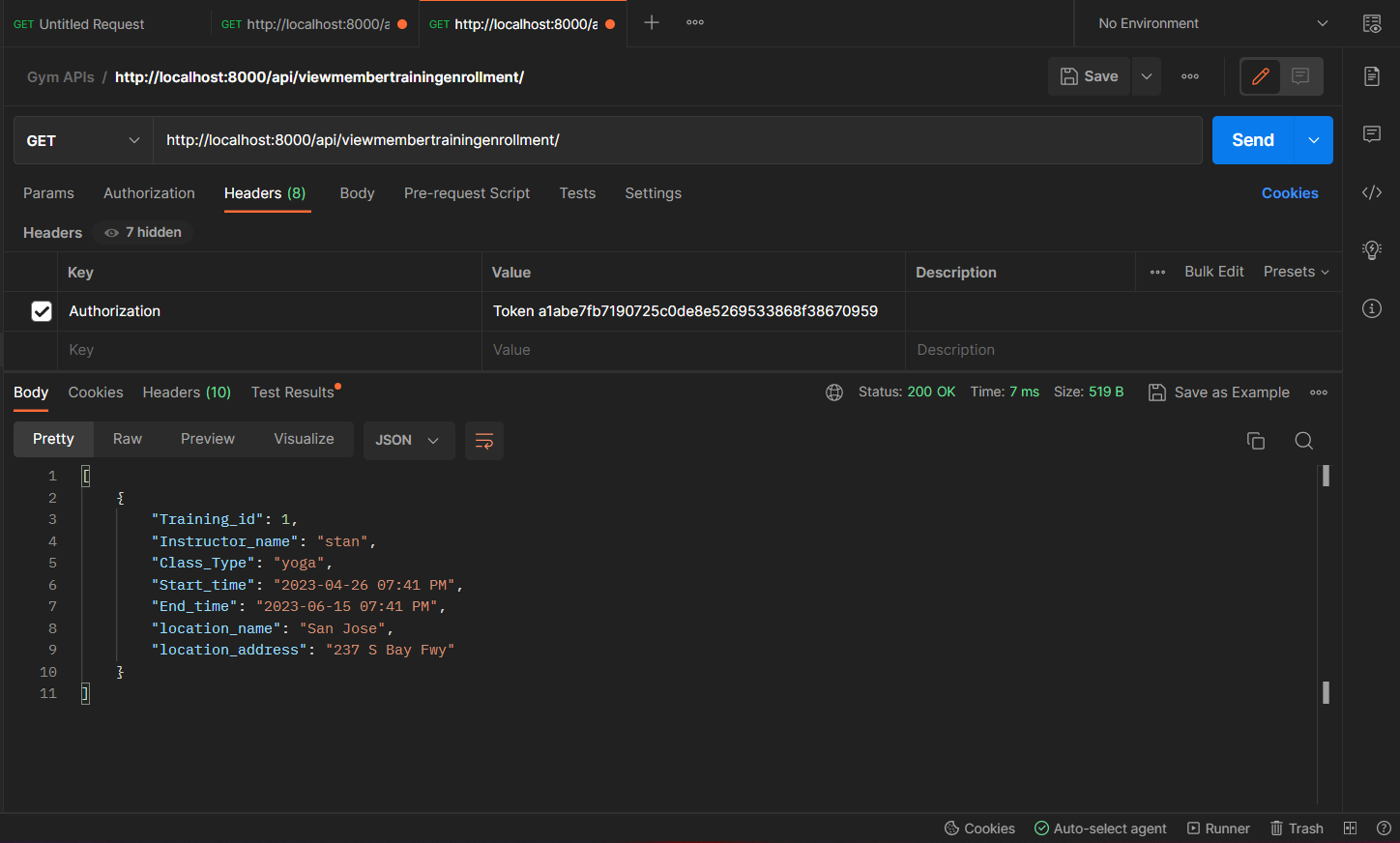
If end time is < start time classes cannot be added as expected



To view member specific enrollment details

GET

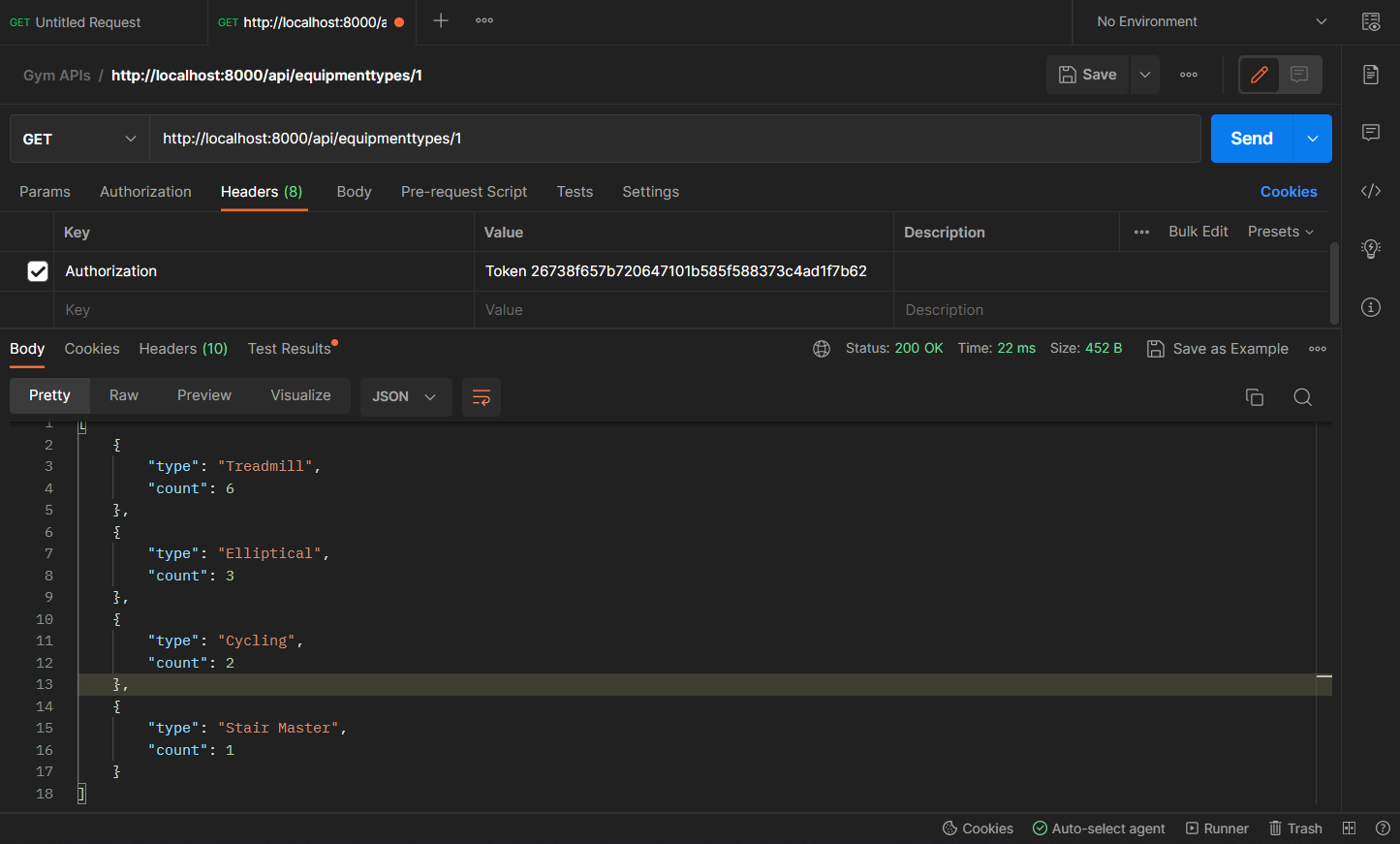
<http://localhost:8000/api/viewmembertrainingenrollment/>



To view the usage of equipments based on location for admin dashboard

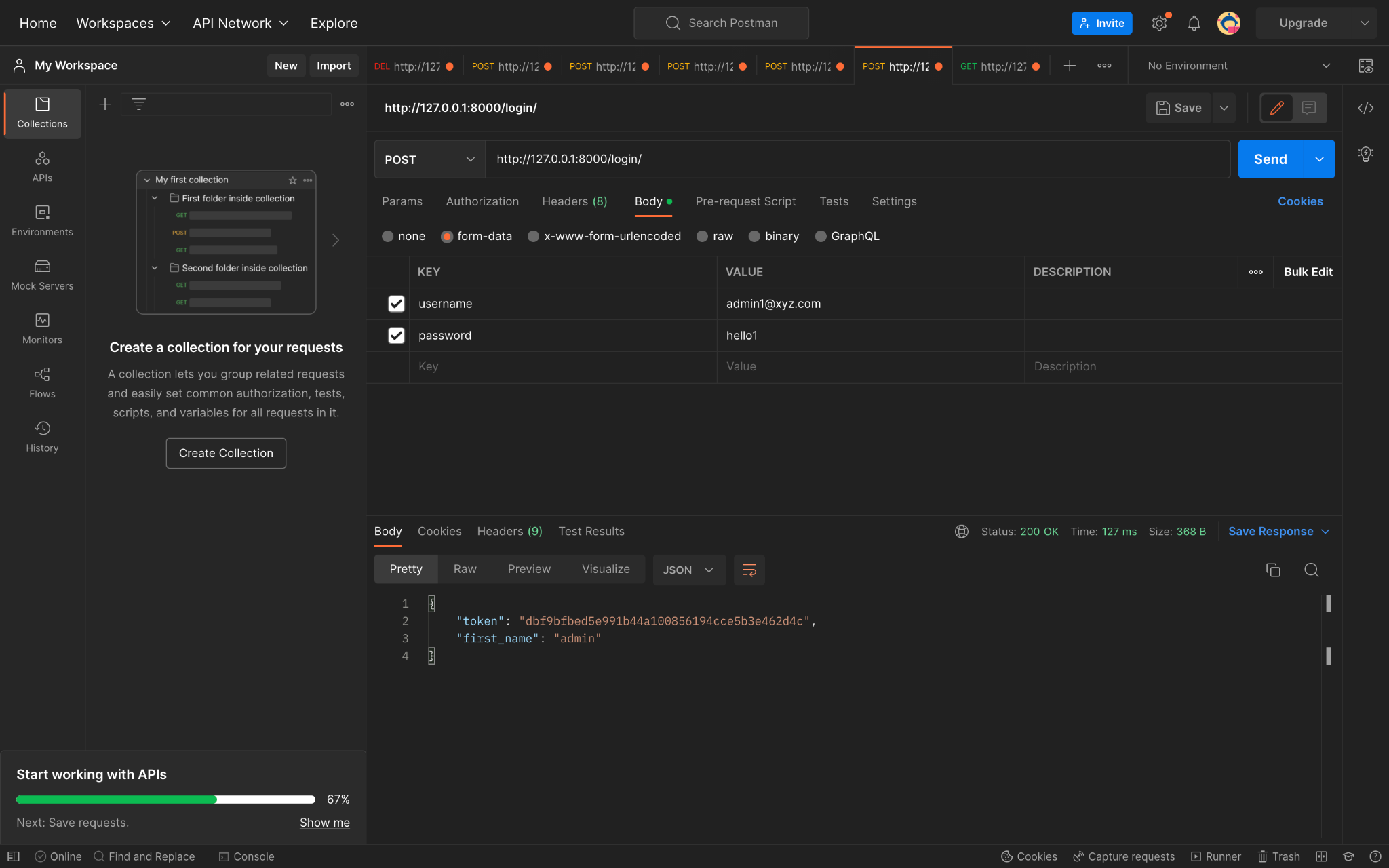
GET

<http://localhost:8000/api/equipmenttypes/1>

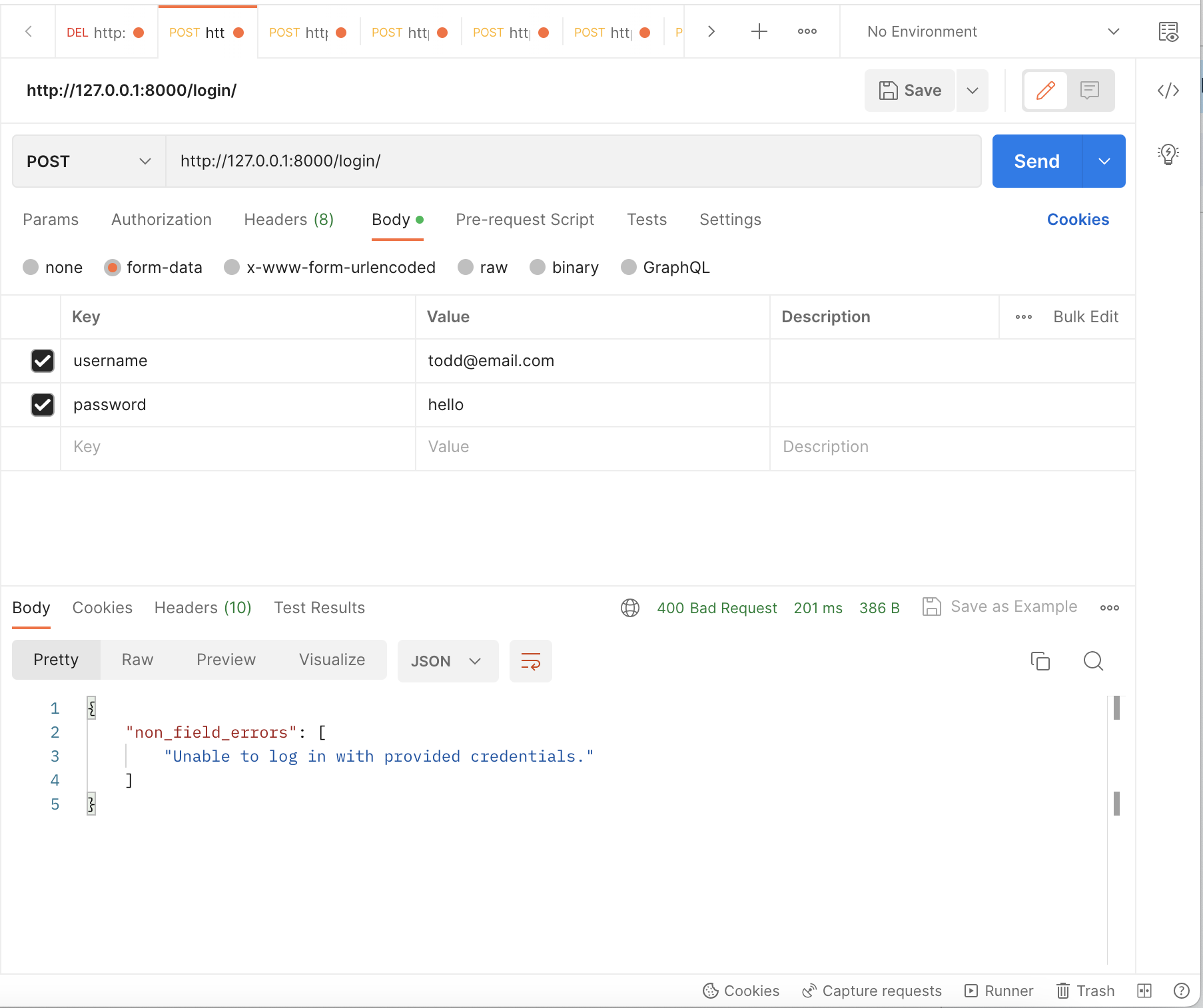


To Login:

POST

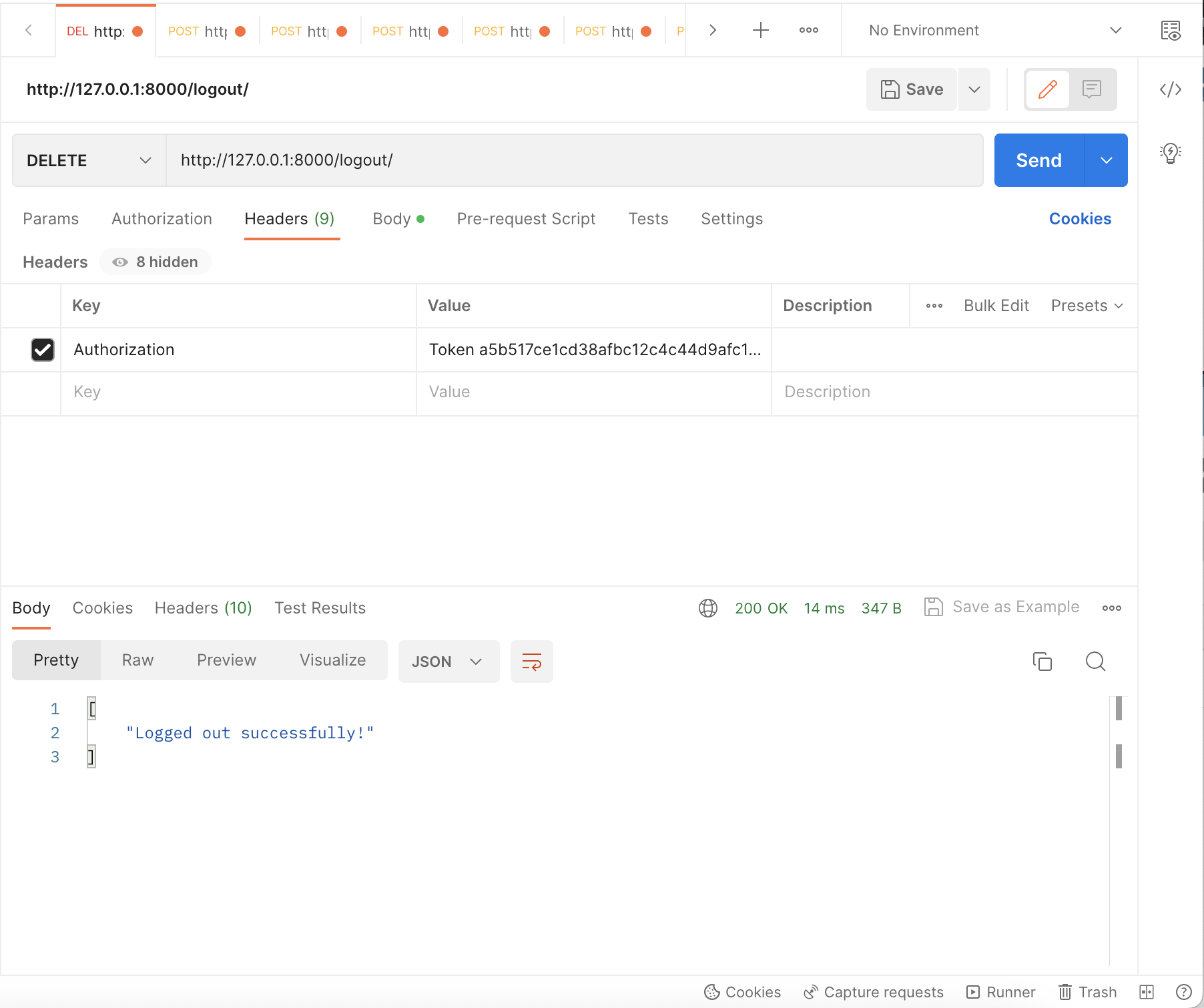


Invalid credentials in login:



To Logout:

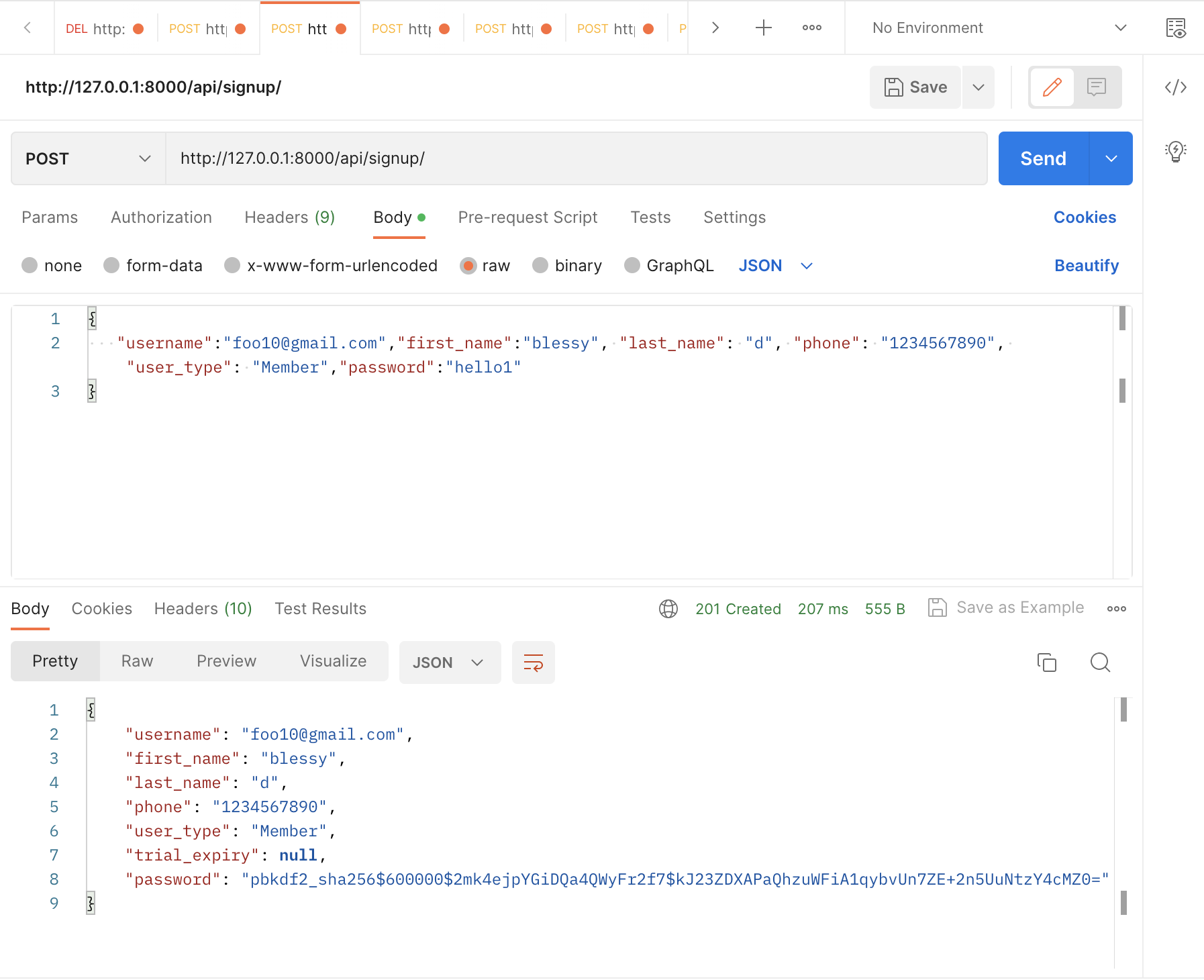
DELETE



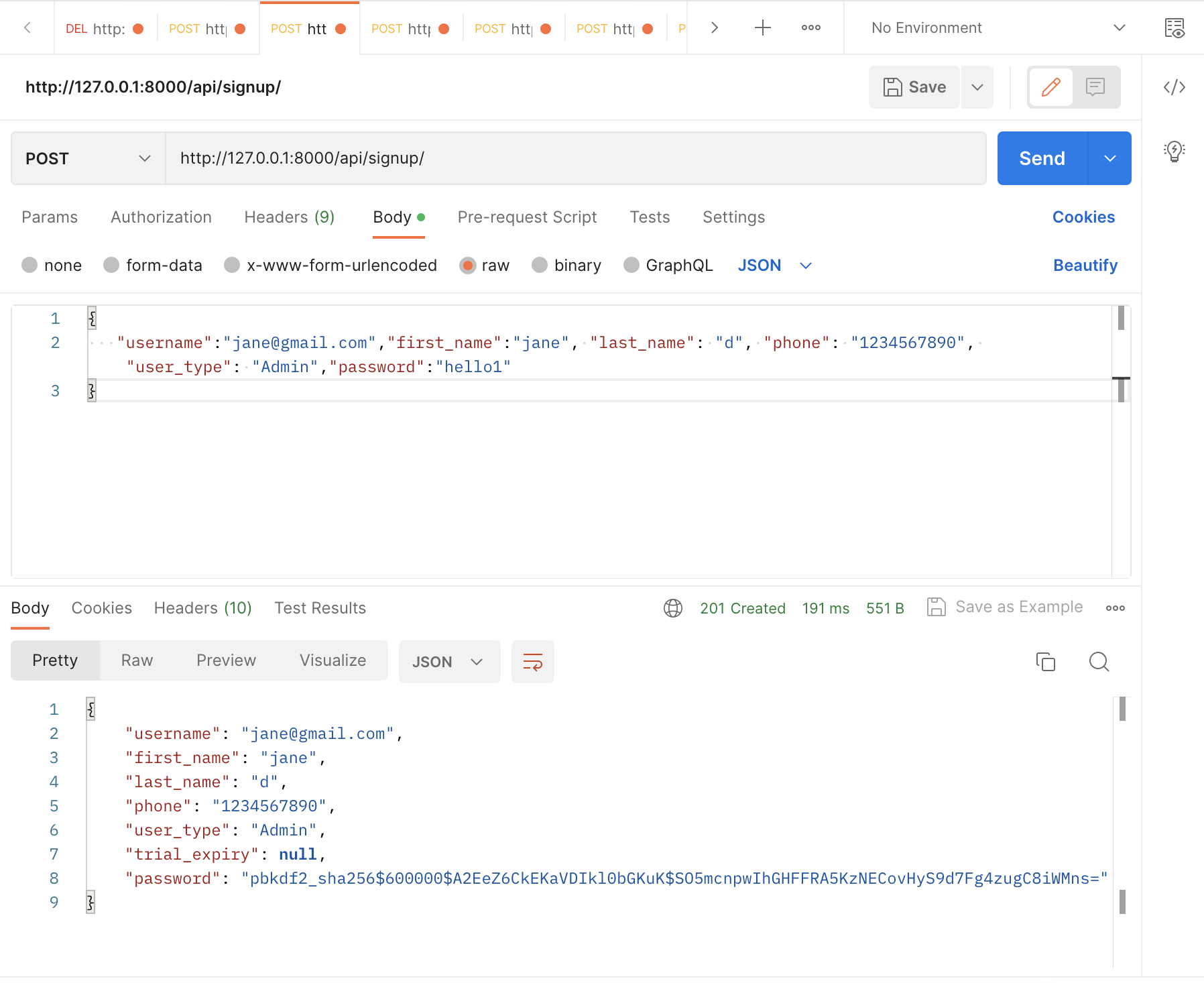
To enroll Users:

POST:

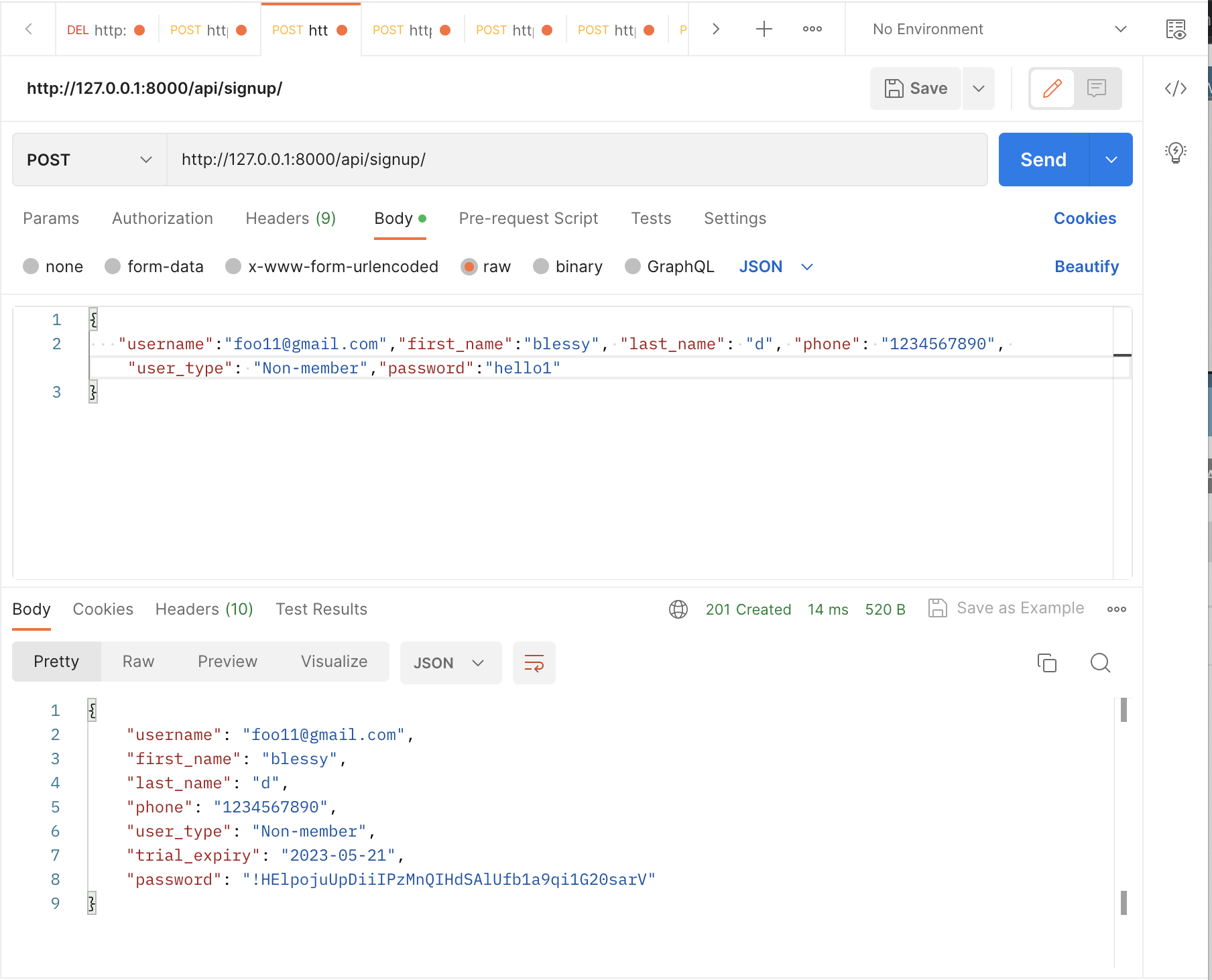
To add members:



To add admin users:

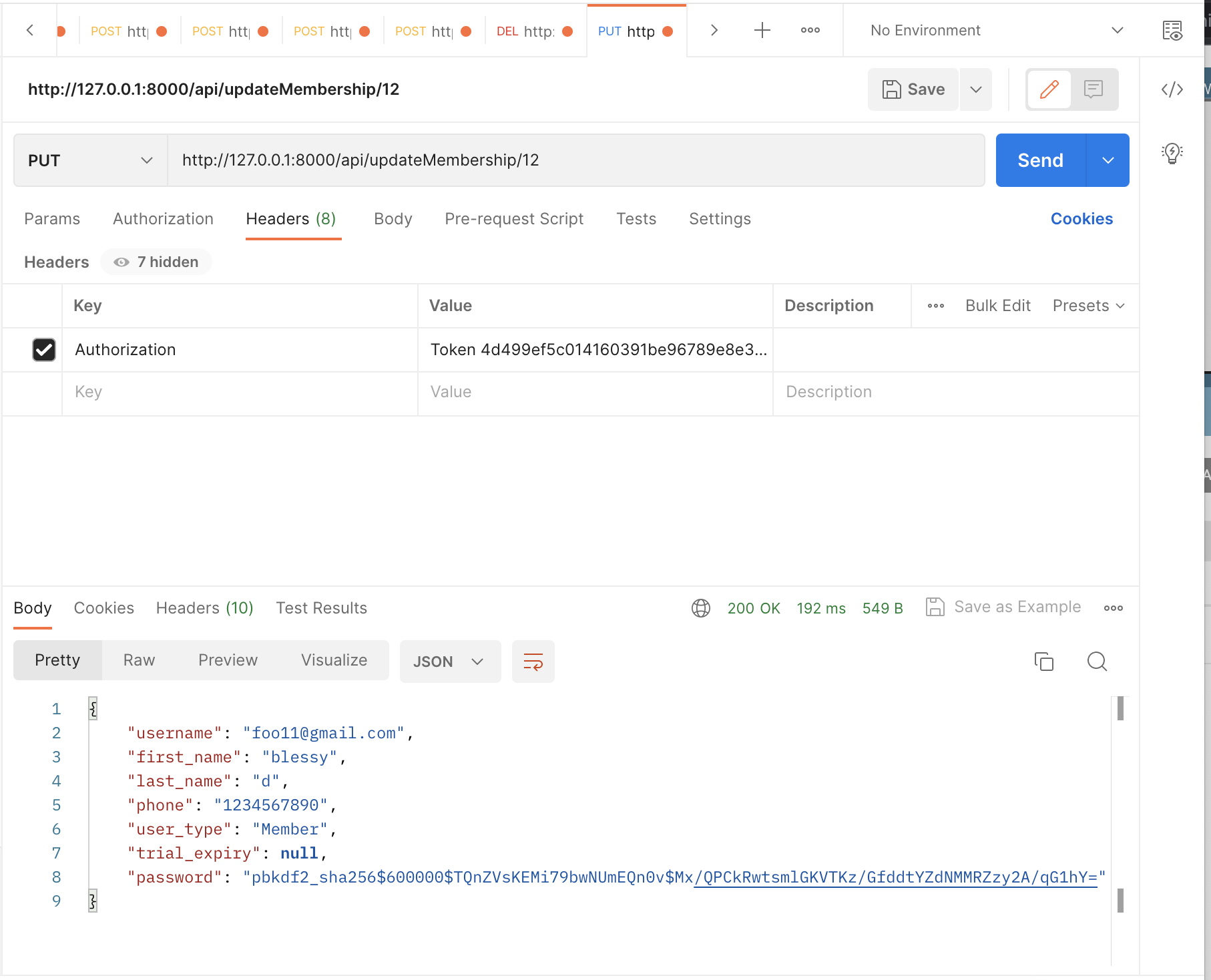


To add Non-members:

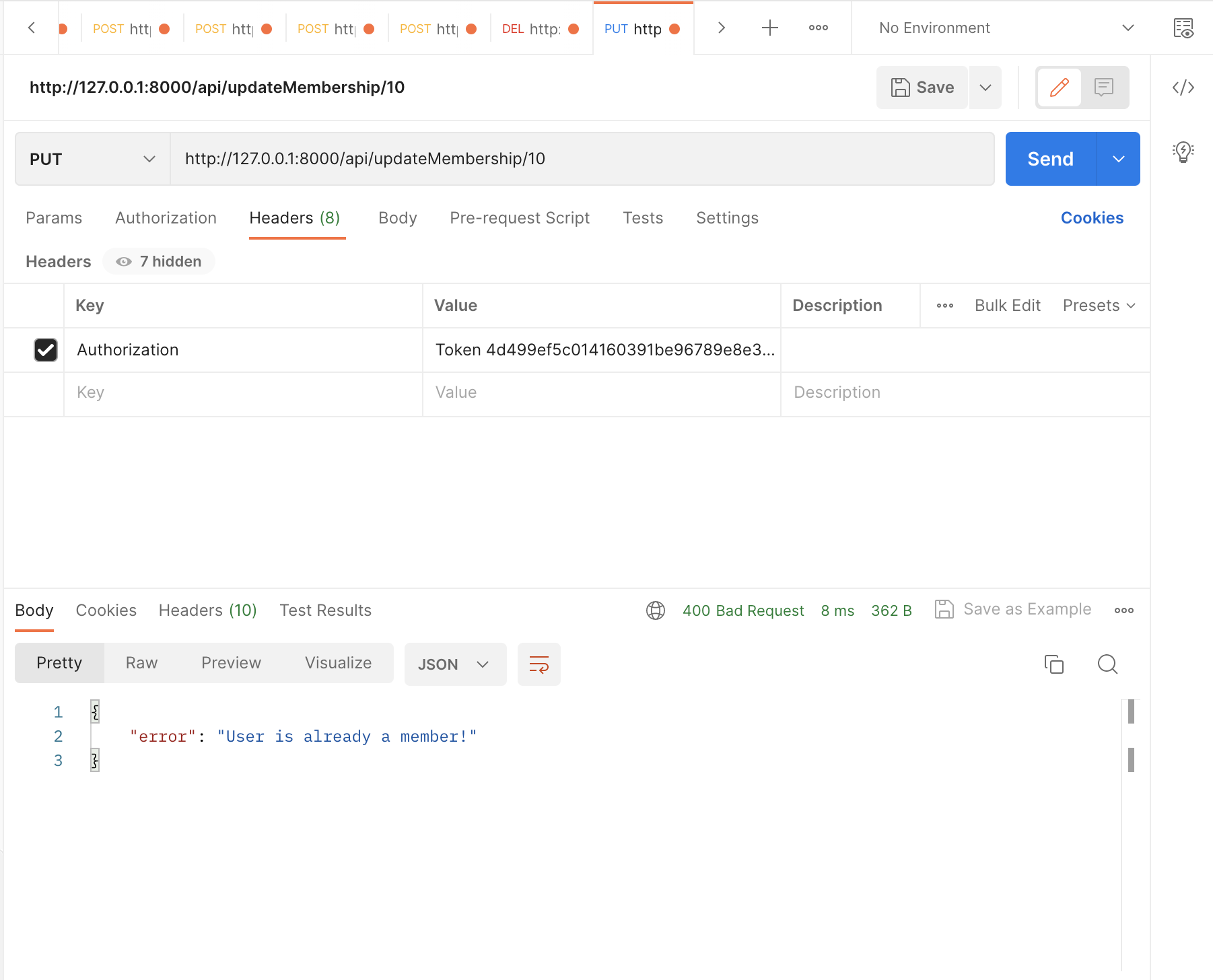


To update membership of non-members to members:

PUT

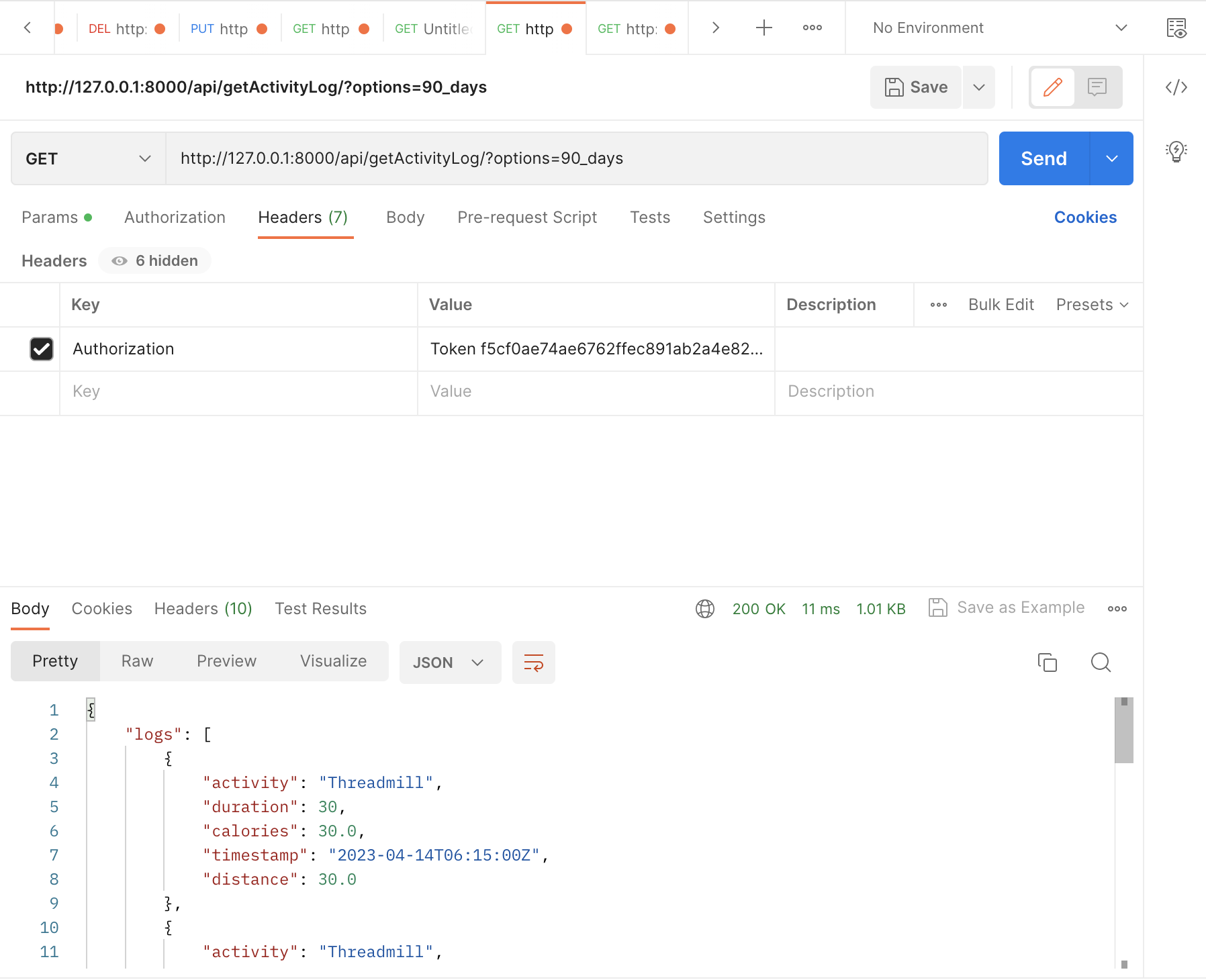
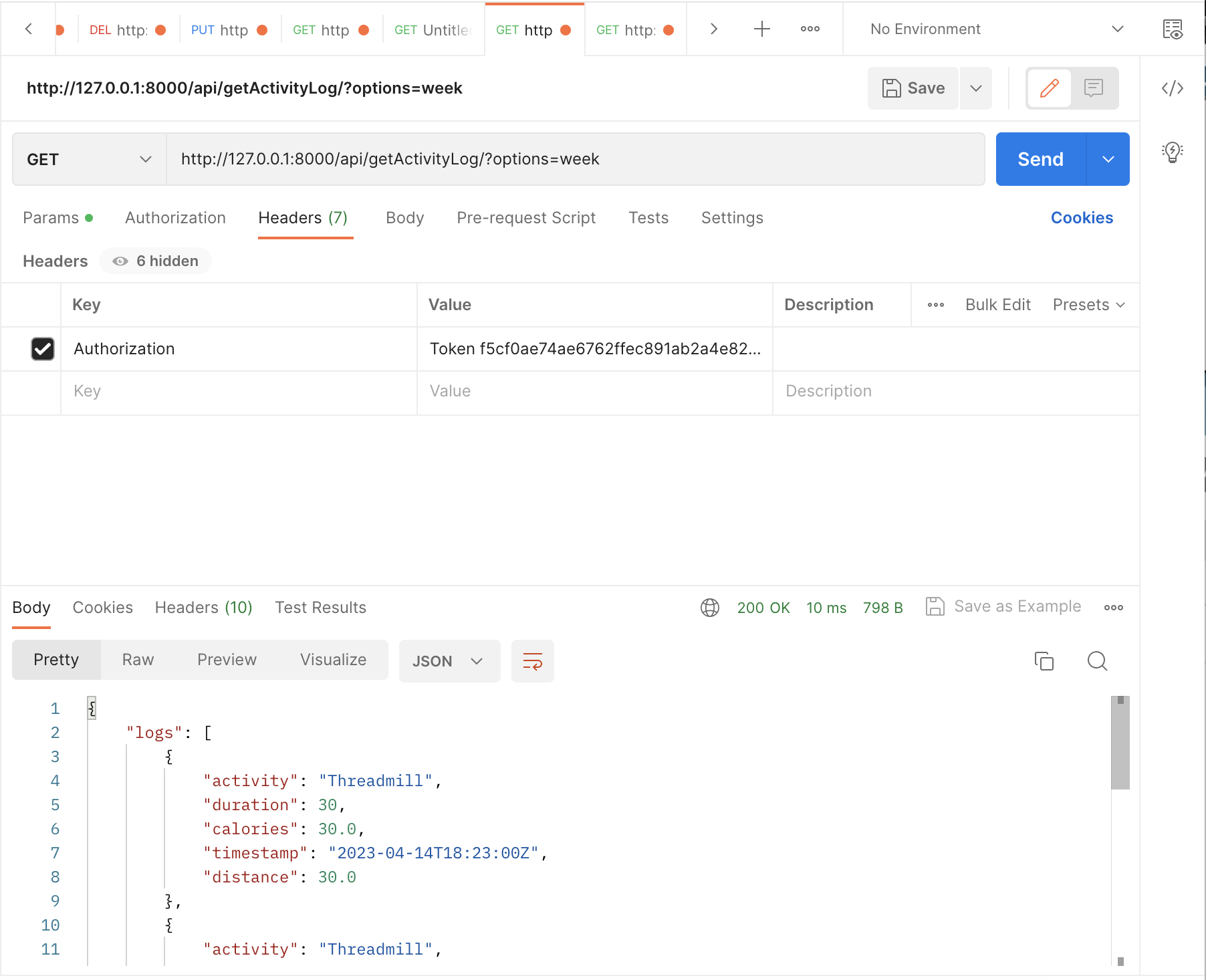


return error if already a member:



To view activities logged by a member:

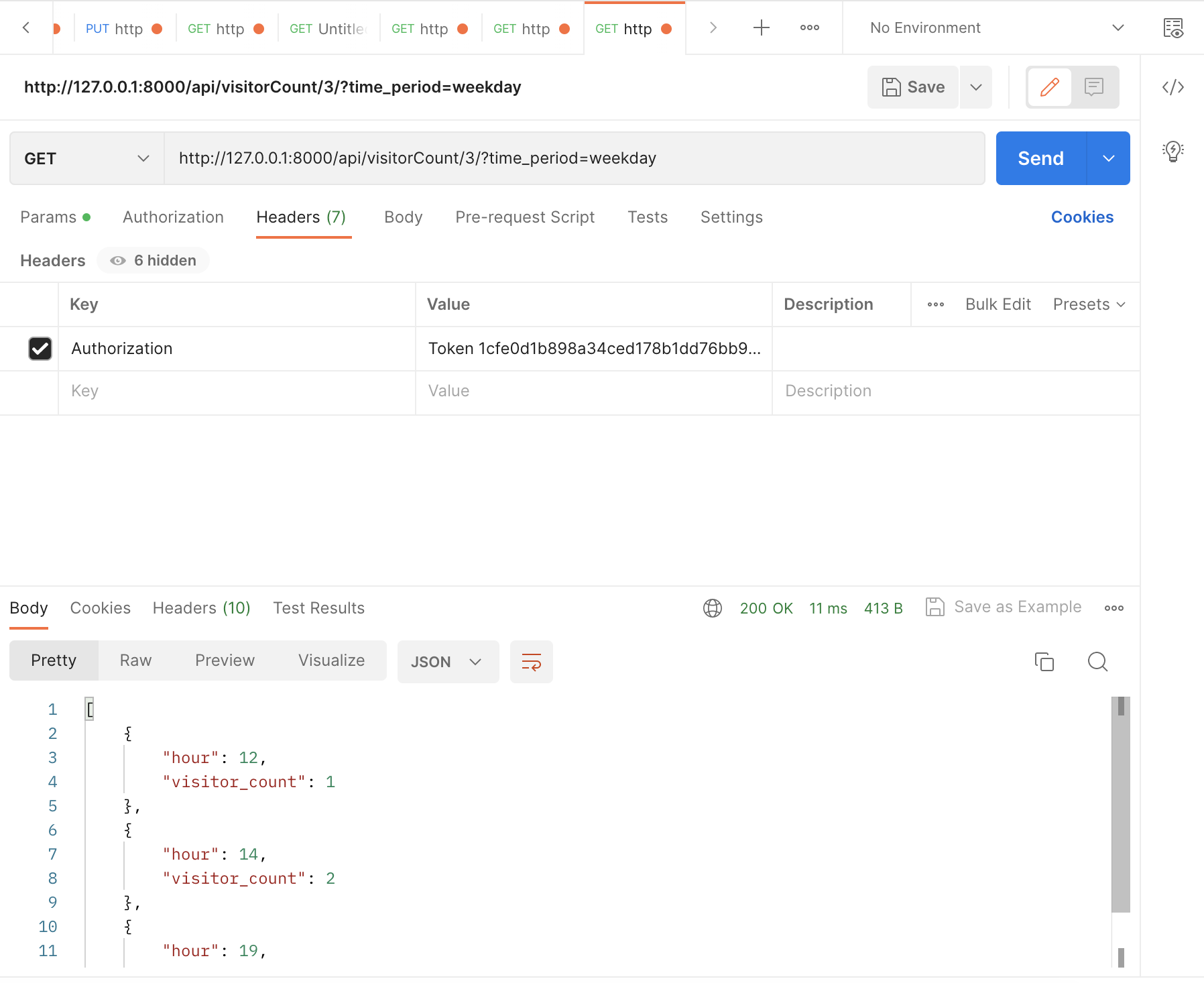
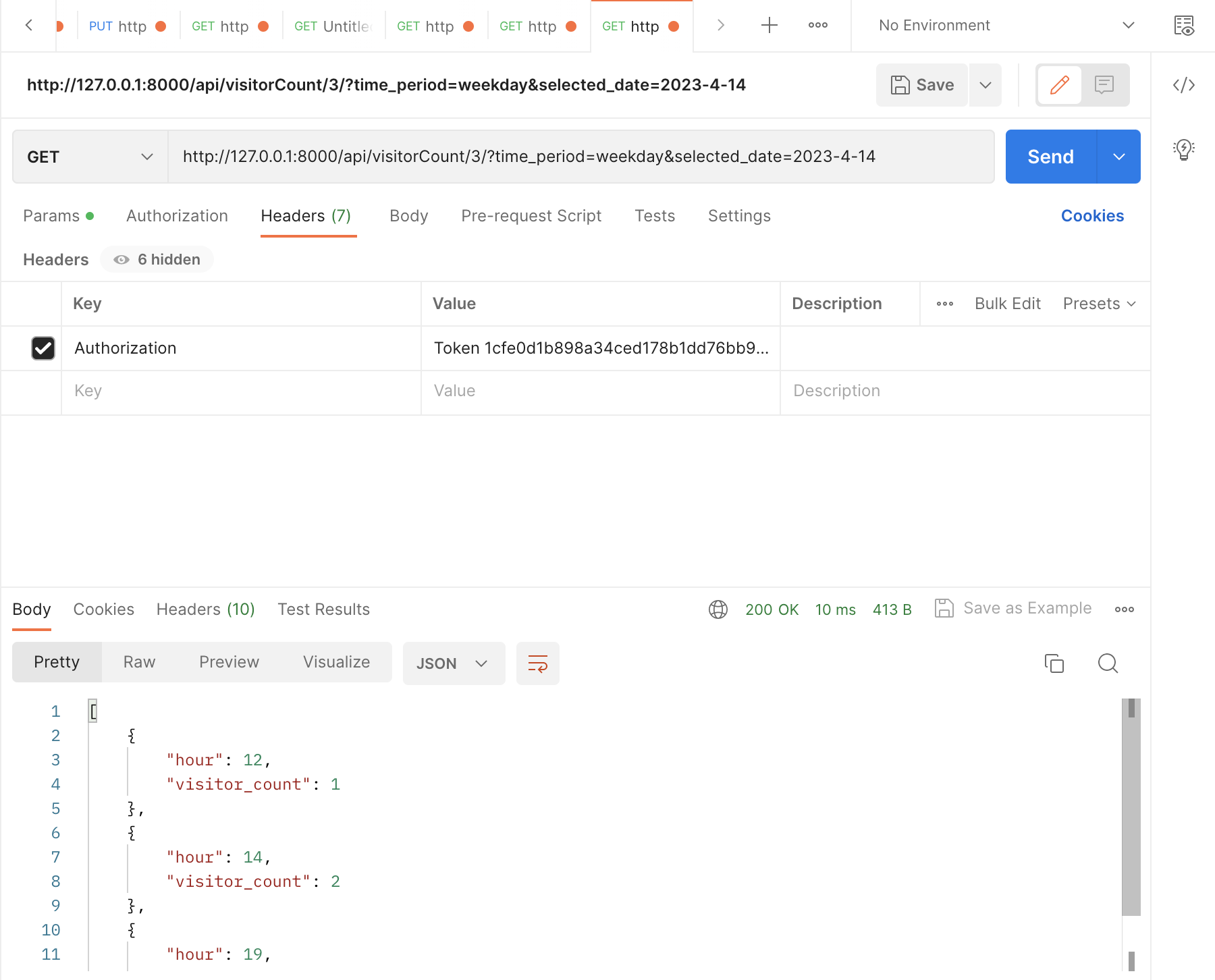
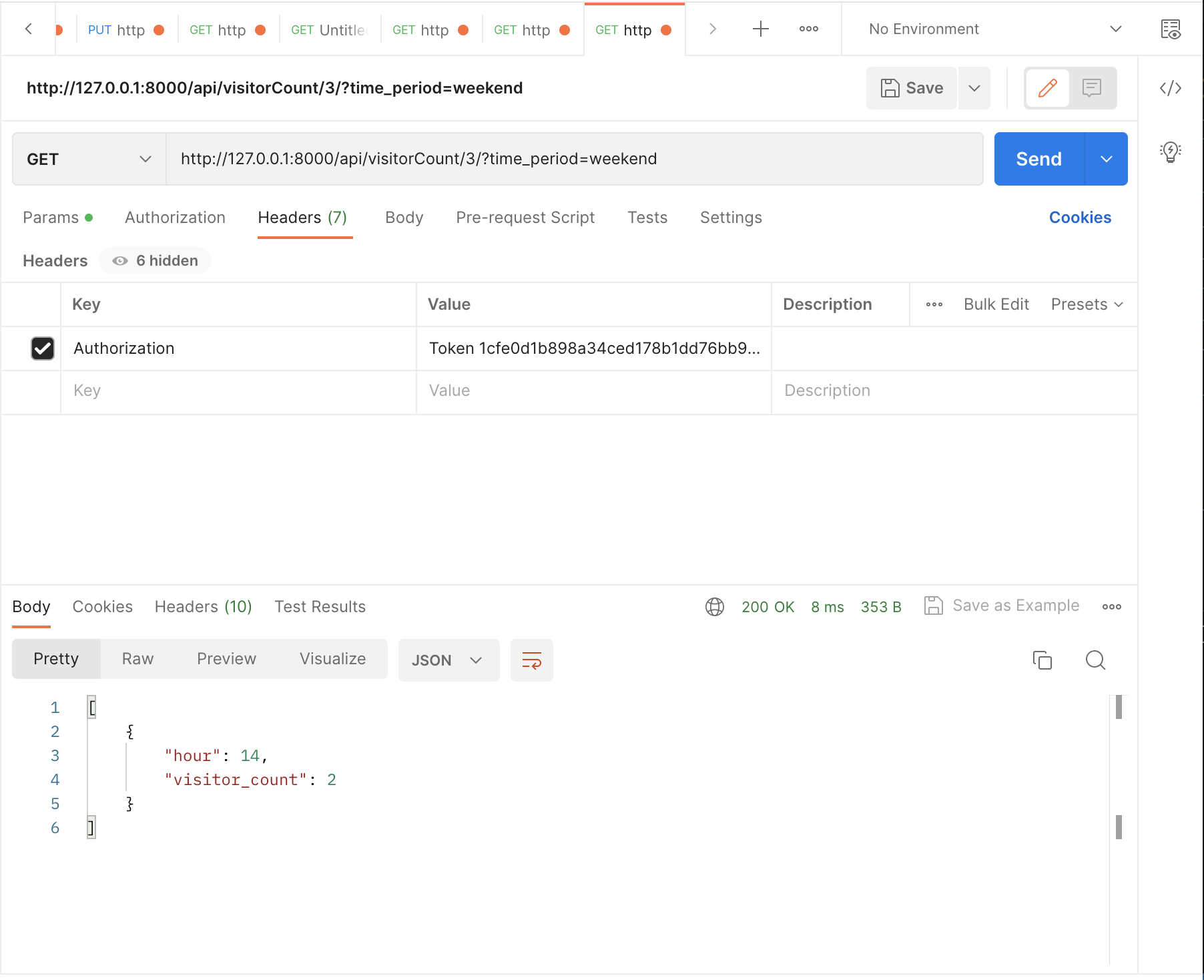
GET:



To view analytics of number of visitors by hour:

GET:

Three option in query param:weekday,weekend and date



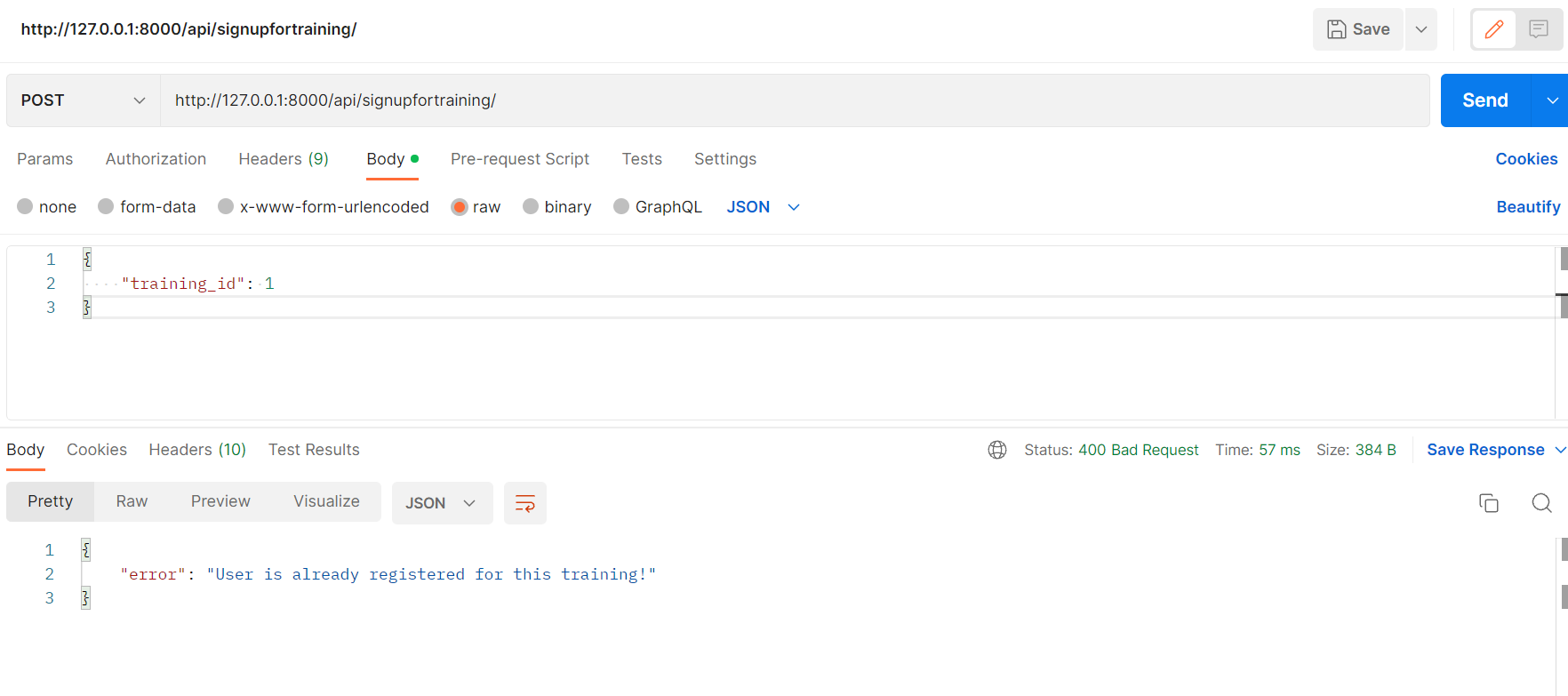
Signup for training Members :

<http://127.0.0.1:8000/api/signupfortraining/>

User must be signed in to enroll for trainings

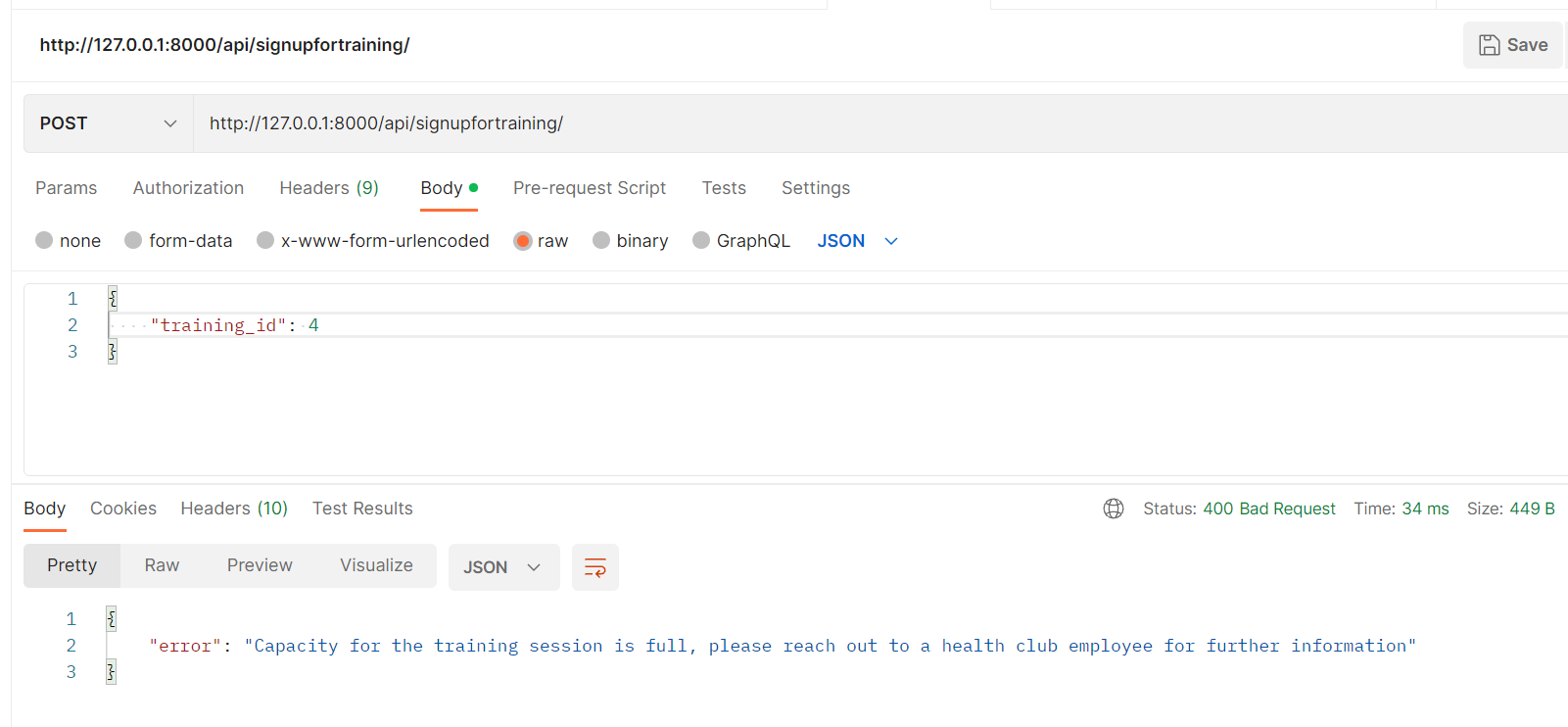
POST :

**Validation 1**: if the user is already registered



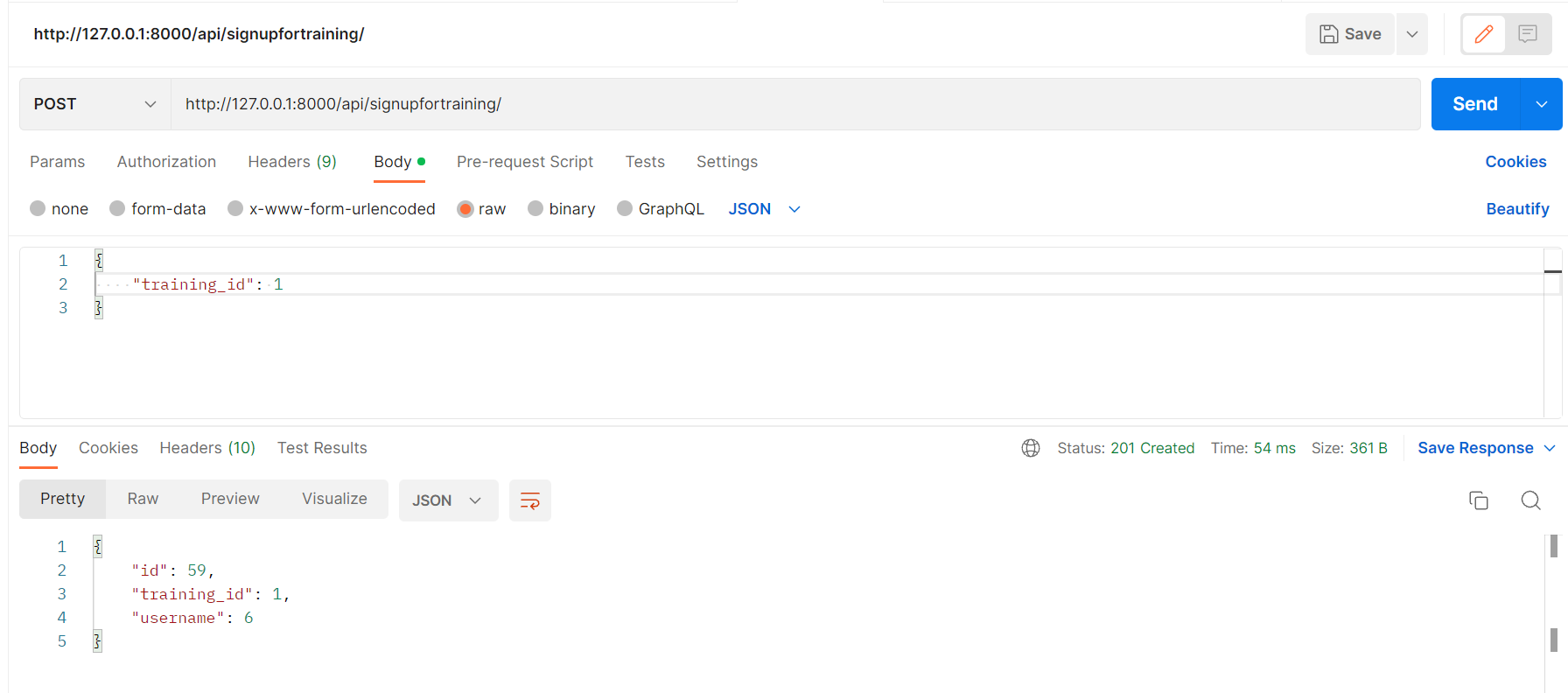
**Validation 2**:

Training capacity is full



**Success Validation**:

Enrollment Successful:

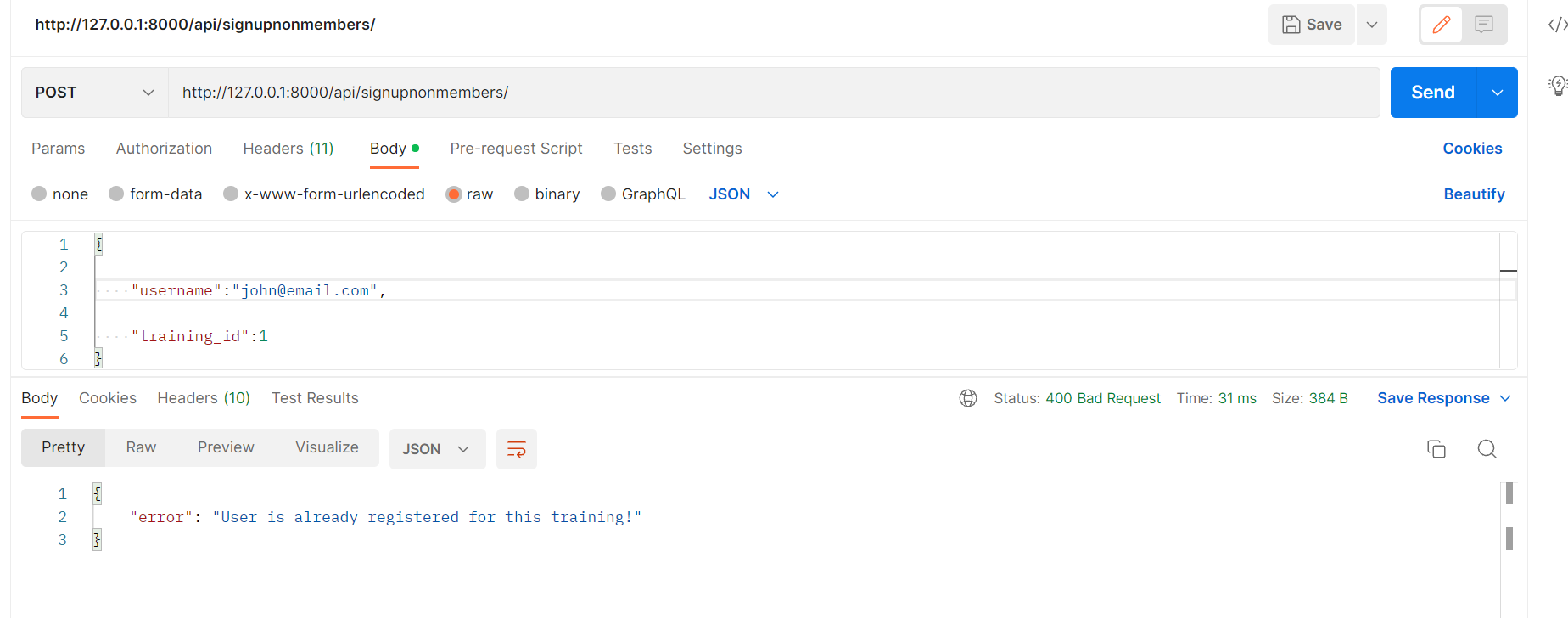


Signup non members for training by admin:

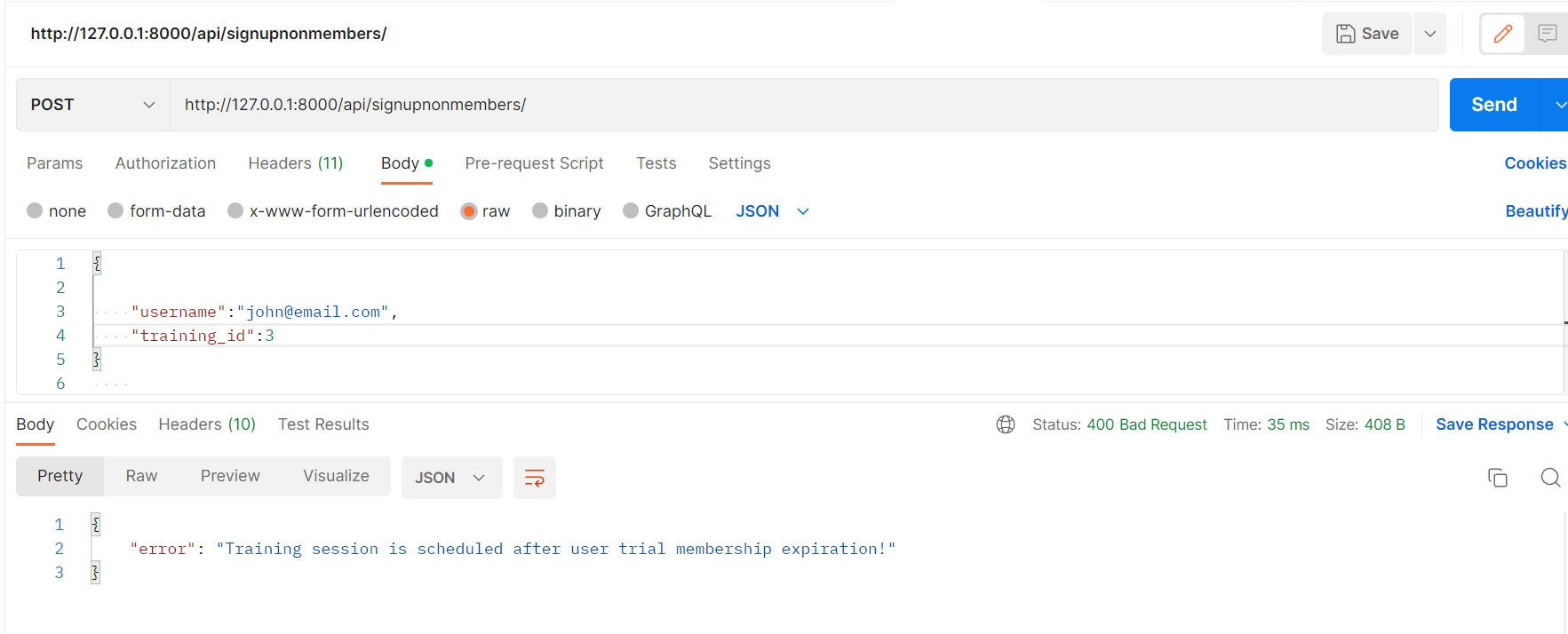
Admin must be signed in to enroll for trainings

POST :

**Validation 1**: if the user is already registered

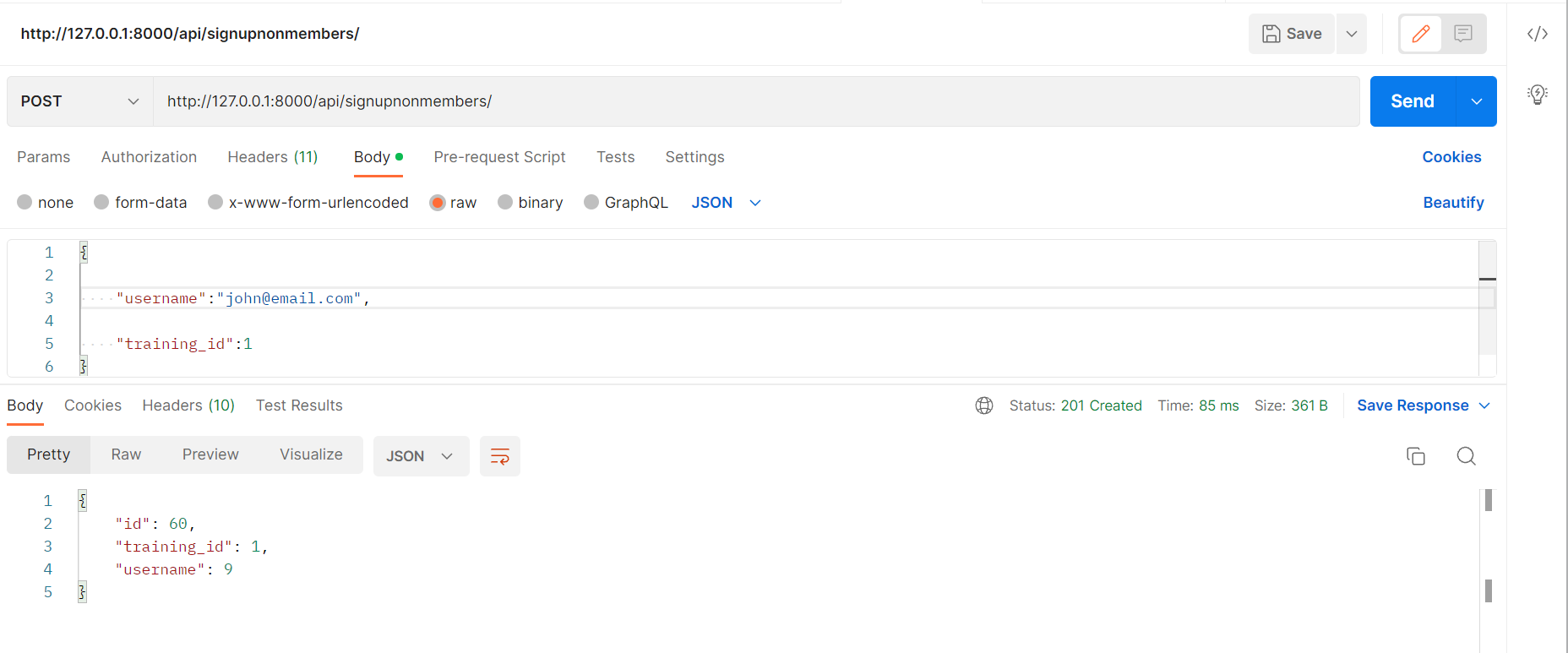


**Validation 2**: If the class is after trial membership expiration



**Success Validation**:

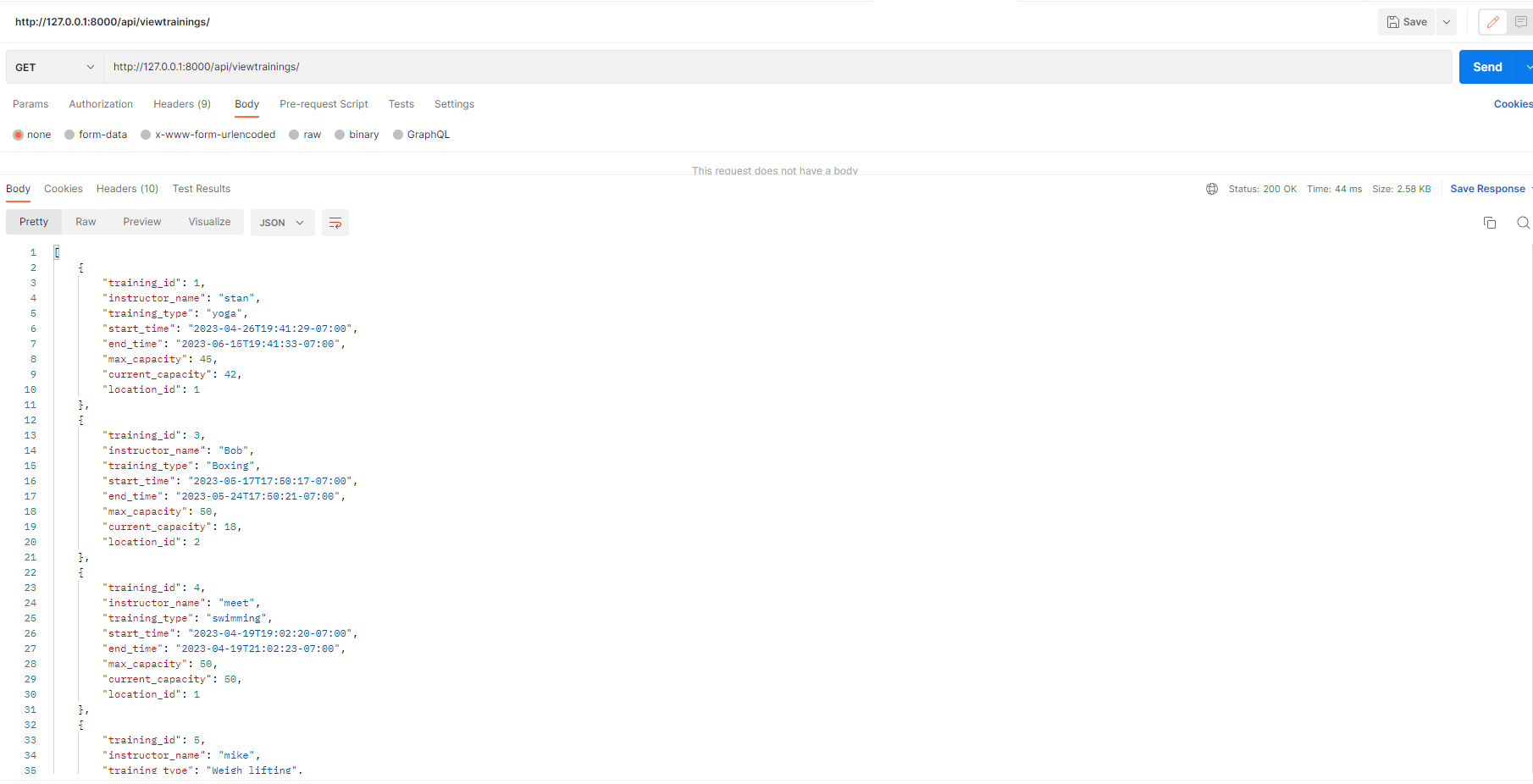
Enrollment Successful:



View all the available trainings:

<http://127.0.0.1:8000/api/viewtrainings/>

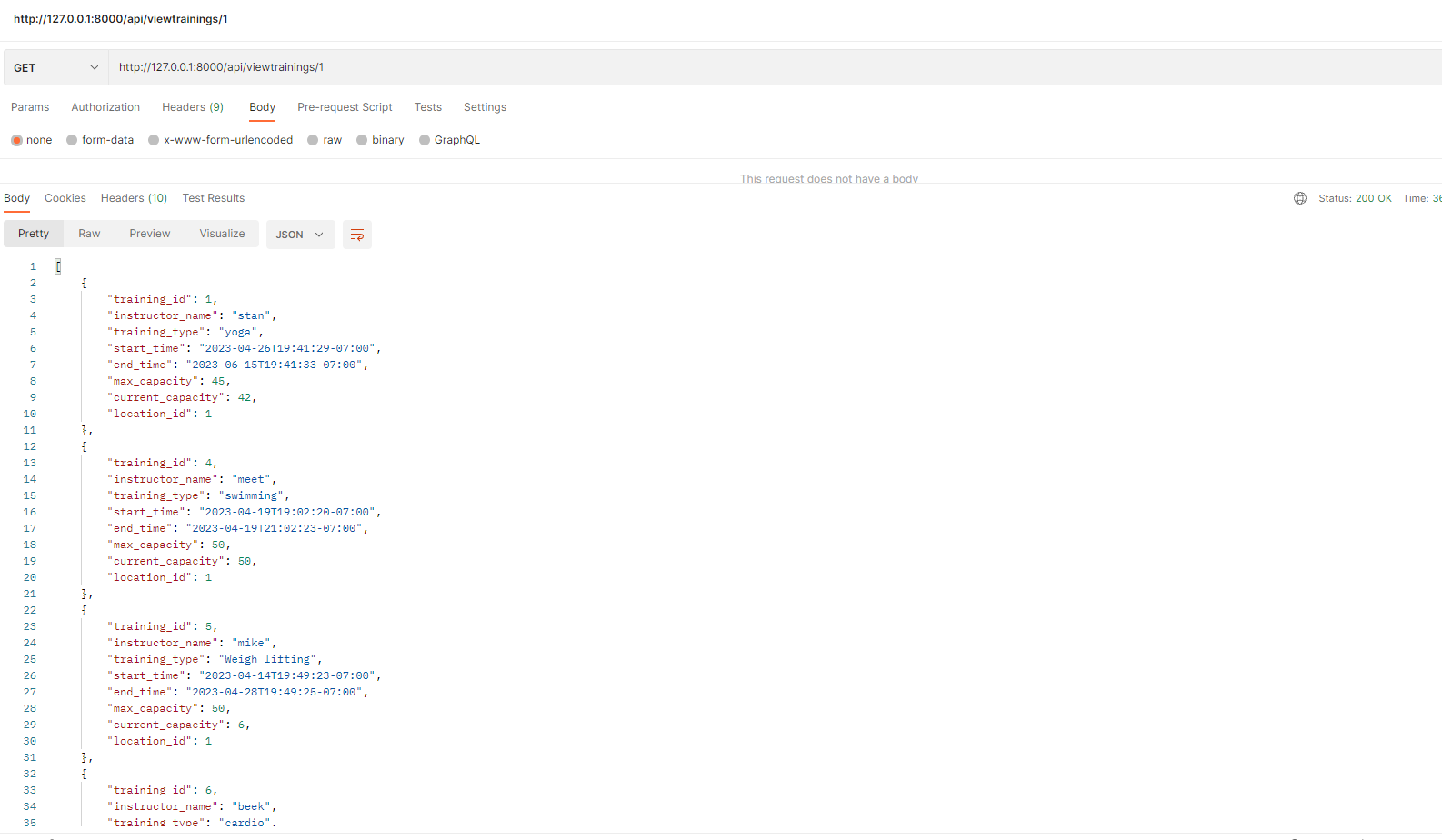
GET :



View all the available trainings by location:

<http://127.0.0.1:8000/api/viewtrainings/1>

GET :

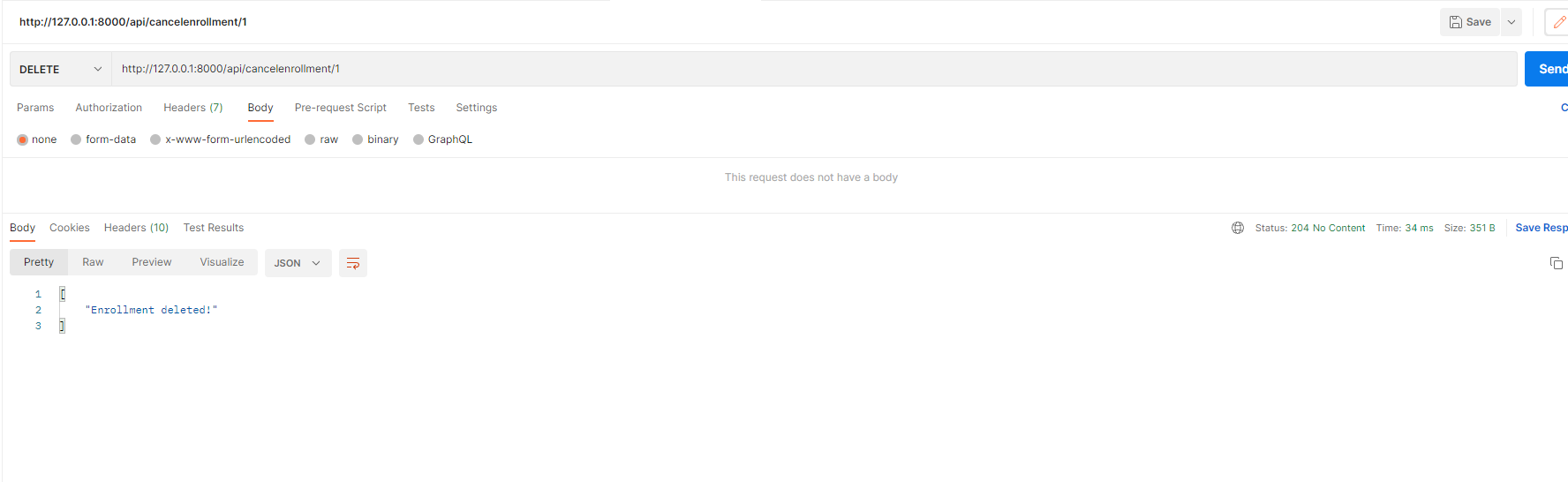


Cancel Enrollment:

User must be signed in to cancel enrollments by training id

<http://127.0.0.1:8000/api/cancelenrollment/1>

DELETE



To view enrollments for particular training based on location for admin dashboard:

Admin must be signed in to view the dashboard

<http://localhost:8000/api/enrollmentstats/?start_time=2023-04-01T00:00:00&end_time=2023-05-30T23:59:59&location_id=1>

GET :

