Web Assignment

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# User Data

MongoDB: adnankhaliq25

Password: E1aHVR5i2zLvsZBA

# Admin Account:

Email: [adnankhaliq252@gmail.com](mailto:adnankhaliq252@gmail.com)

Password: pakistan123

# POSTMAN API Documentation:

https://documenter.getpostman.com/view/35560493/2sAYBREYk

# Admin Privilege:

## Retrieve Statistics (GET):

A screenshot of a computer

Description automatically generated

## Retrieve Most Active Users (GET):

A screenshot of a computer

Description automatically generated

## Review Deletion (Delete):

A screenshot of a computer

Description automatically generated

# User Community and Discussion Boards:

## Retrieve all Forums (GET):

A screenshot of a computer

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## Retrieve Thread by Forum (GET):

A screenshot of a computer

Description automatically generated

## Retrieve Posts by a Thread (GET):

A screenshot of a computer

Description automatically generated

## Posts Creation (POST):

A screenshot of a computer

Description automatically generated

## Thread Creation (POST):

A screenshot of a computer

Description automatically generated

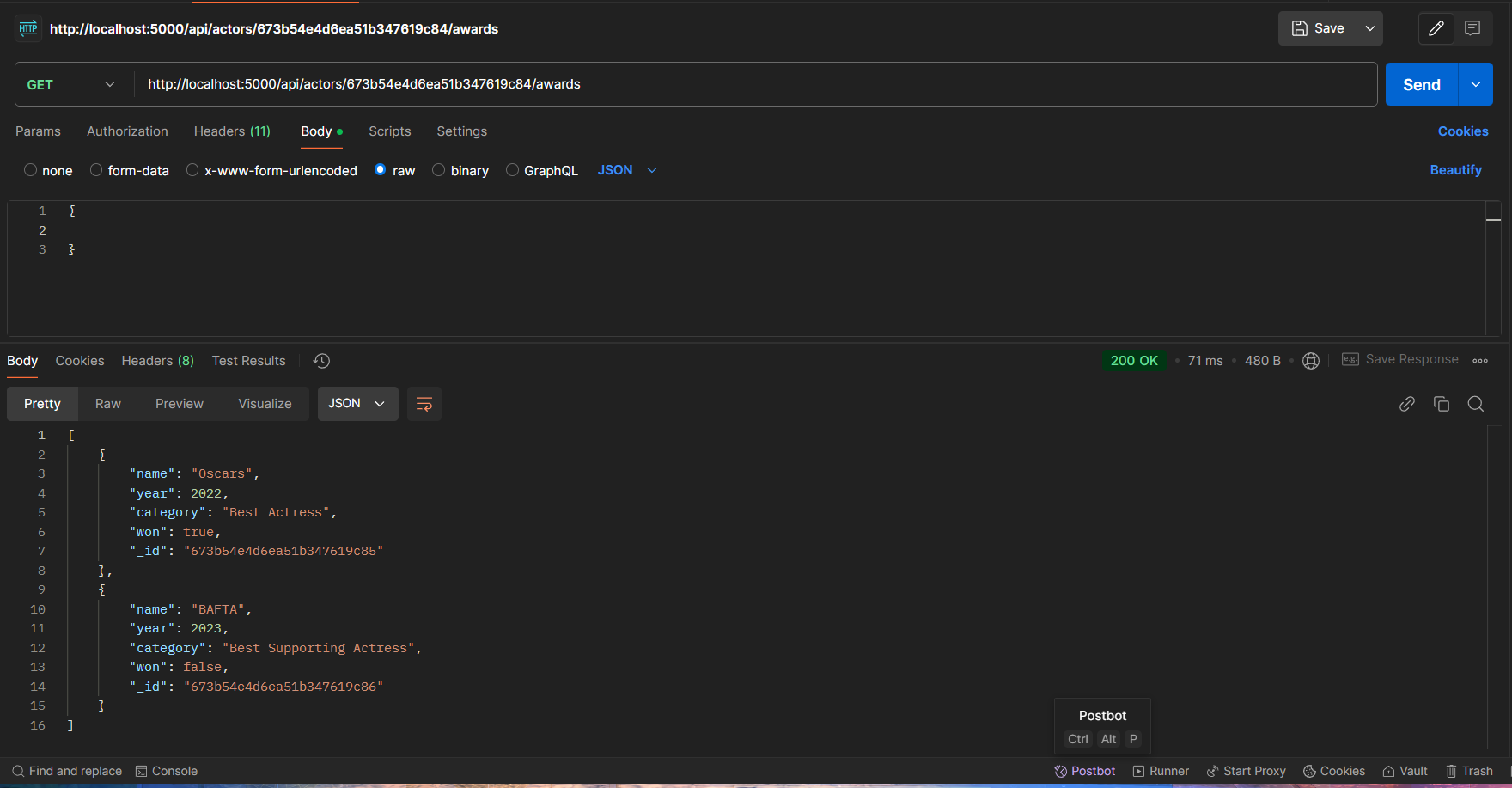
## Forum Creation (POST):

A screenshot of a computer

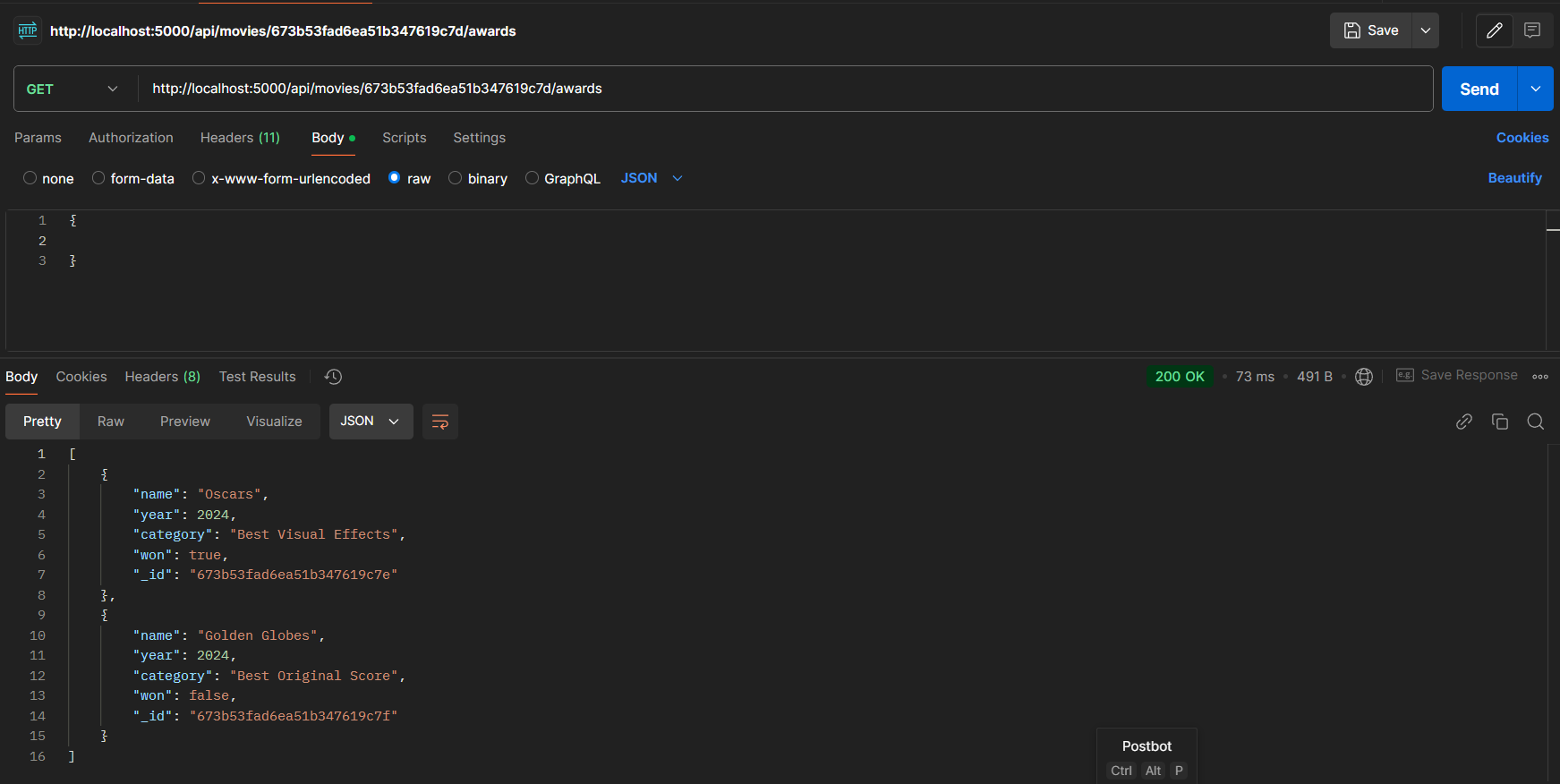
Description automatically generated

# Box Office & Awards:

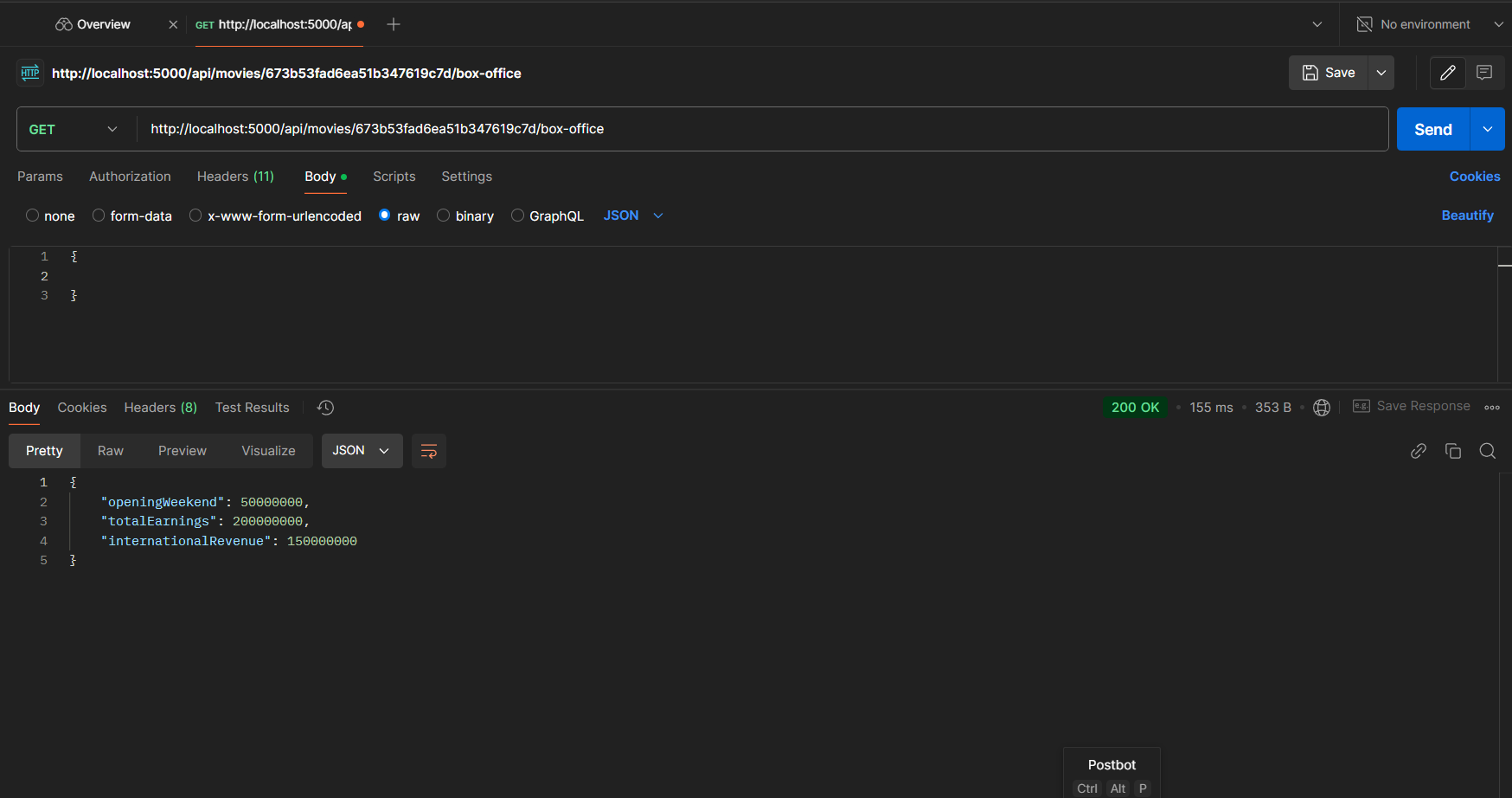
## Retrieving an Actors Awards (GET):



## Retrieving a Movie’s Awards (GET):



## Retrieving a Movie’s Box Office (GET):



# News Article Updates:

## Retrieve Article by Tag (GET):

A screenshot of a computer

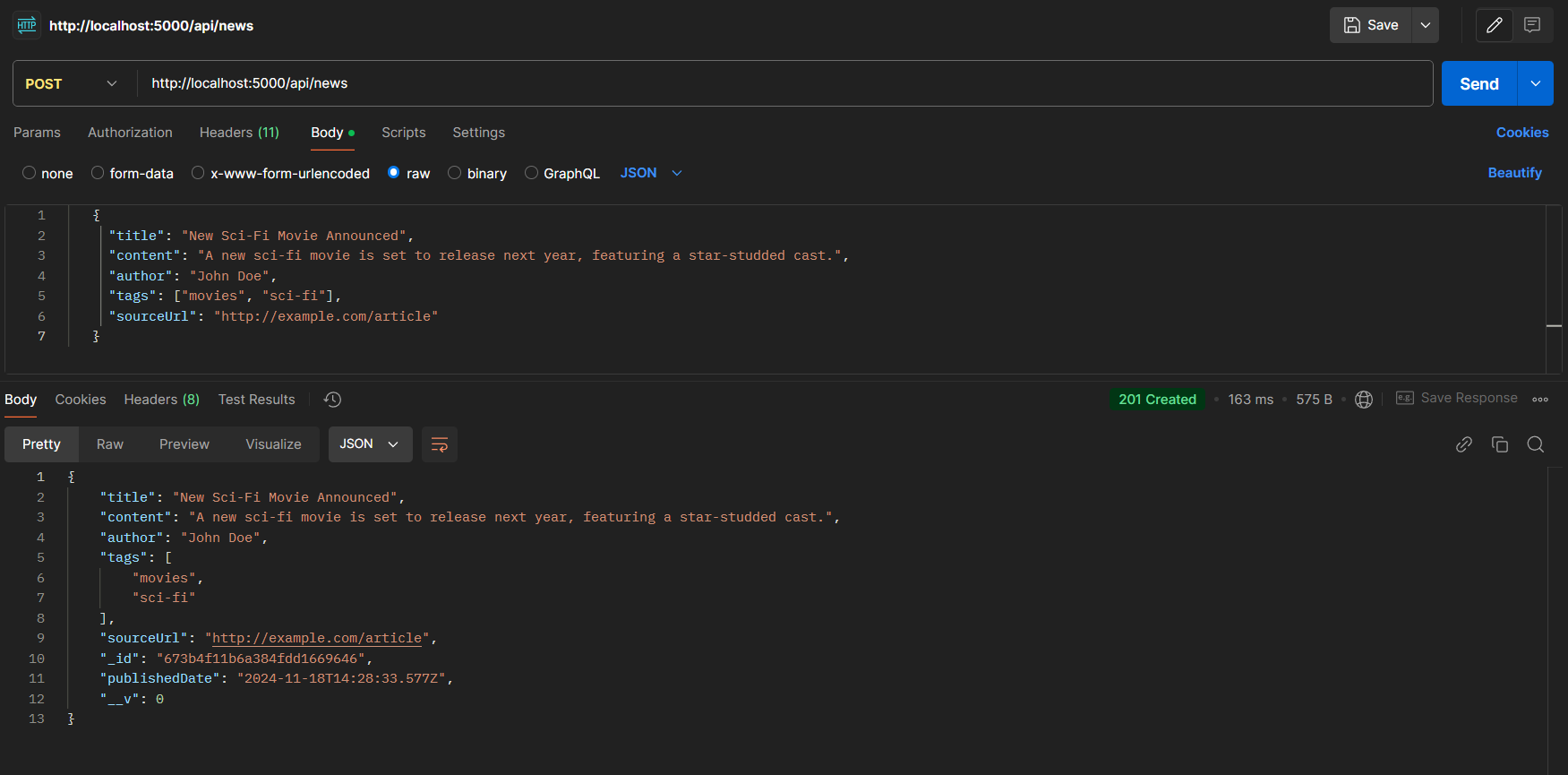
Description automatically generated

## Retrieve all News Articles (GET):

A screenshot of a computer

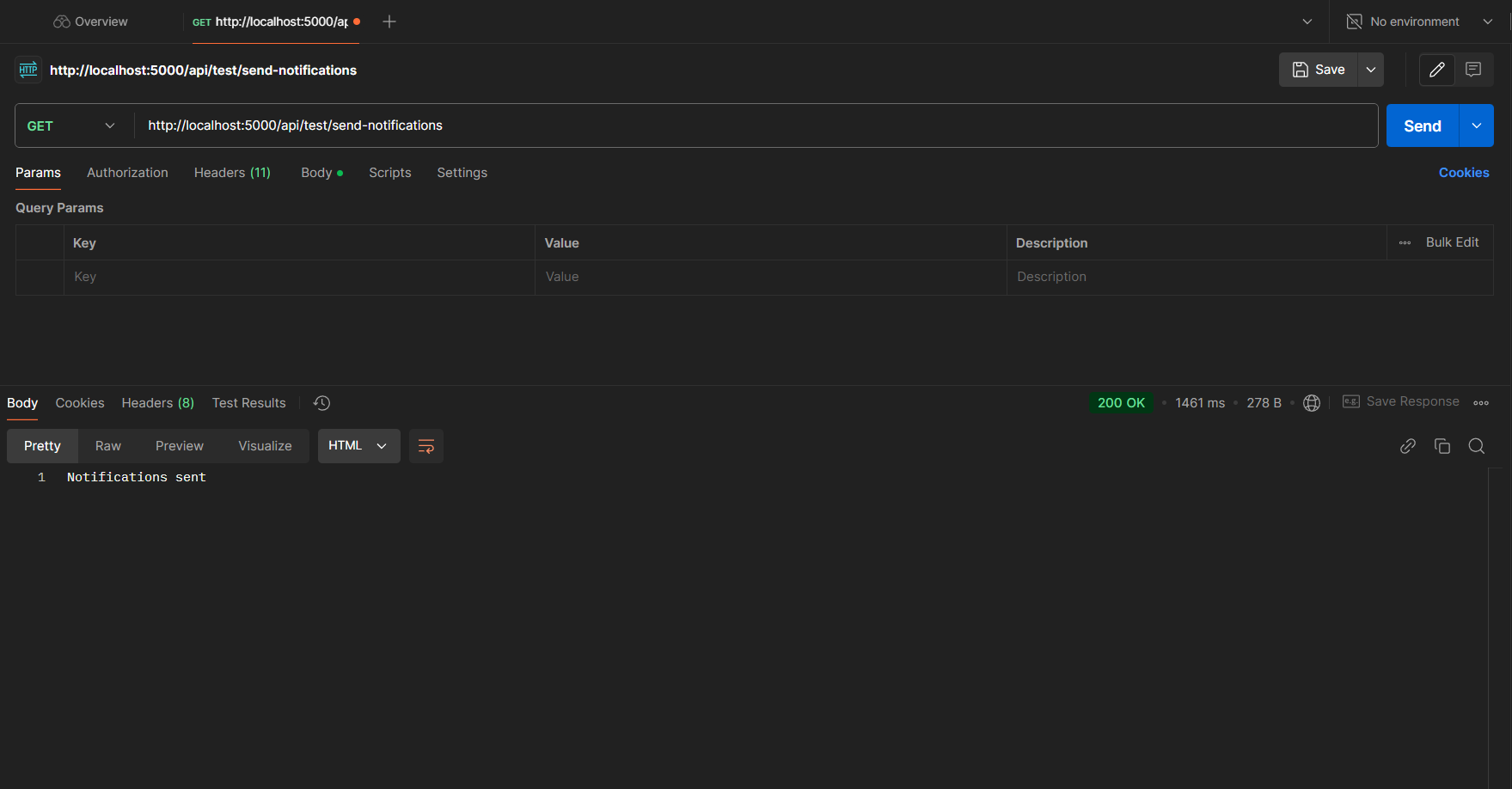
Description automatically generated

## Adding a News Article (POST):



# Upcoming Releases and Notifications:

## Notification Sent Test (GET):

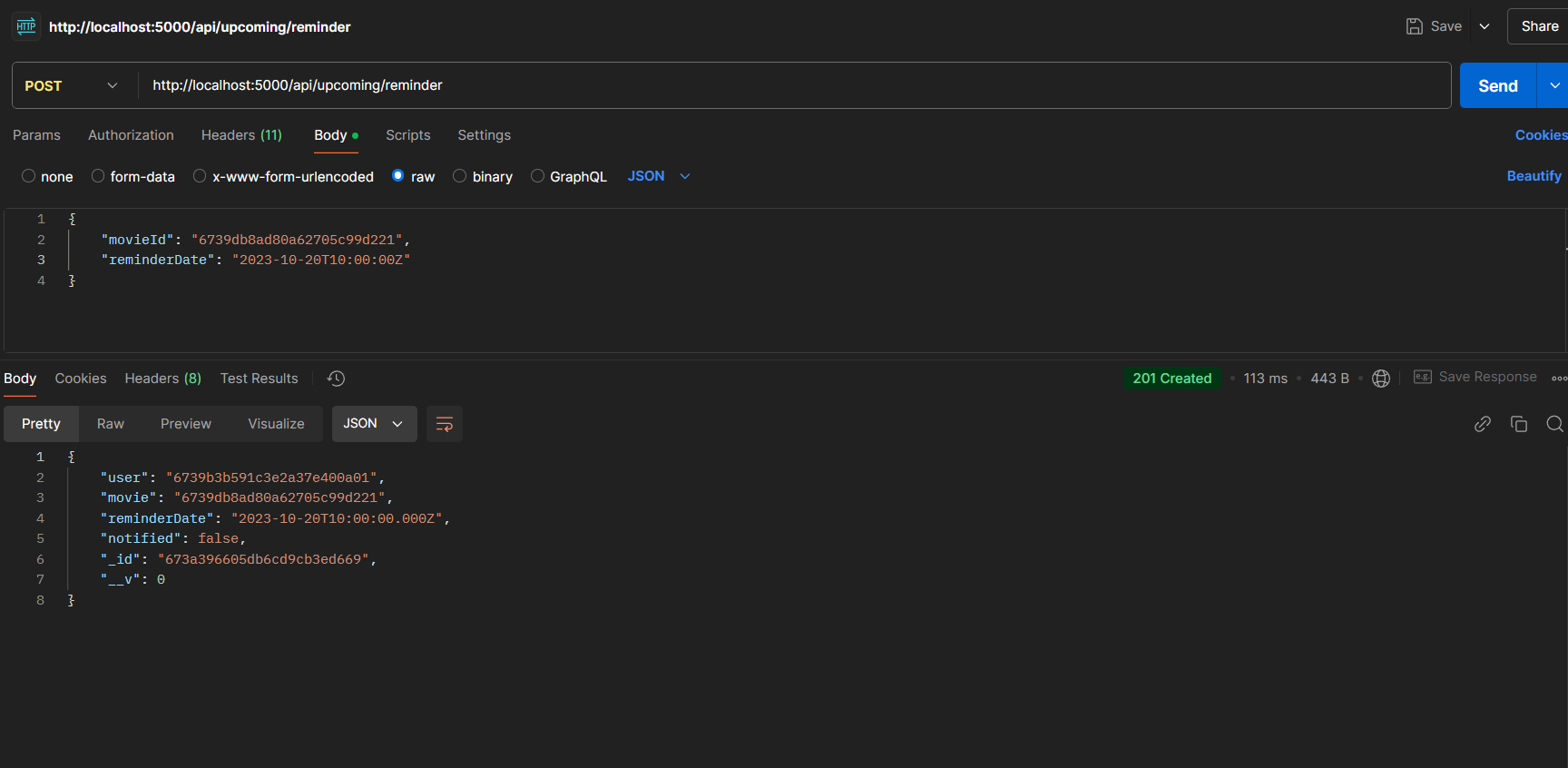


## Upcoming Movies (GET):

A screenshot of a computer

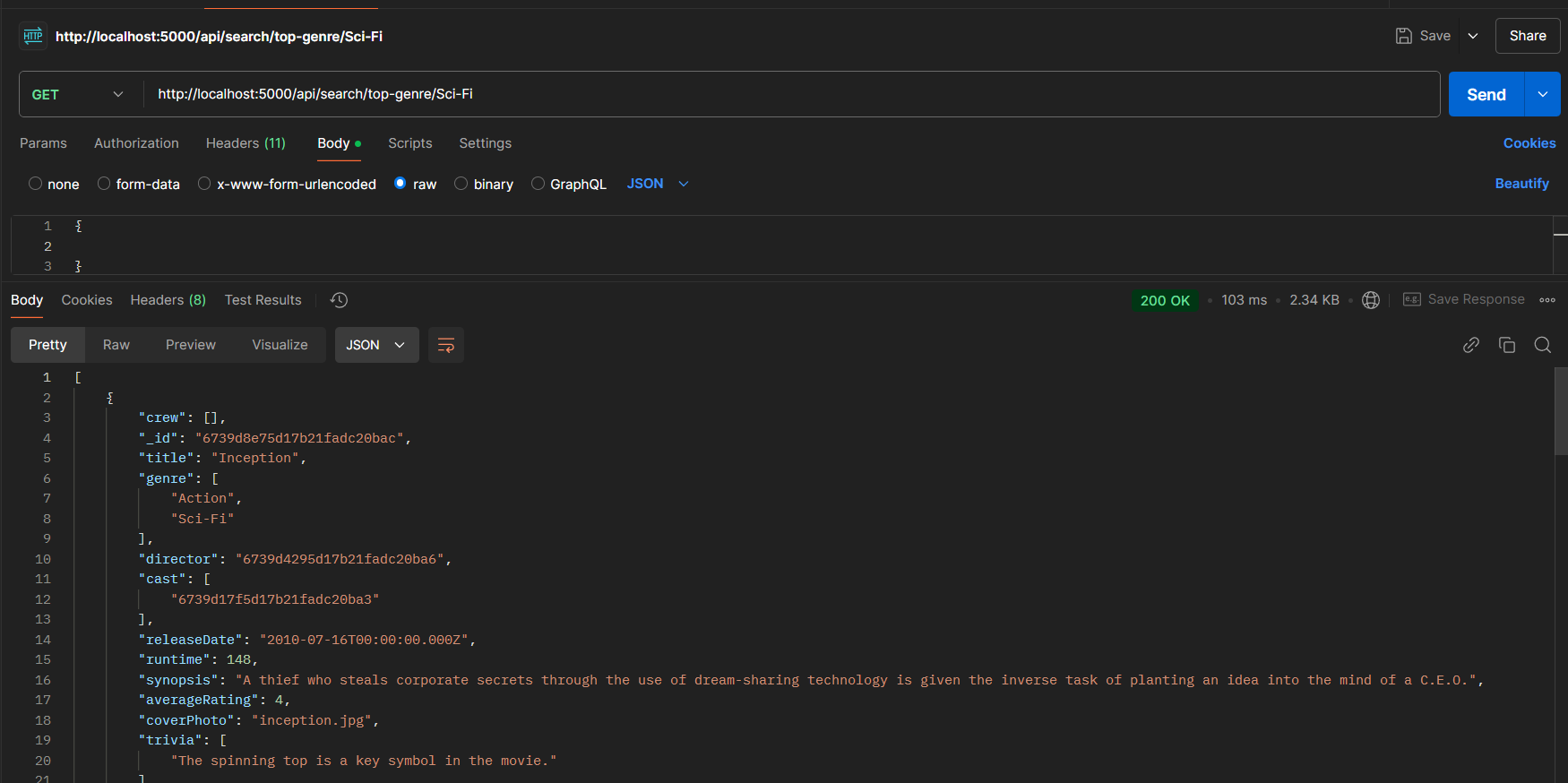
Description automatically generated

## Setting a Reminder (POST):



# Searching/Filtering:

## Top 10 Movies by Genre (GET):

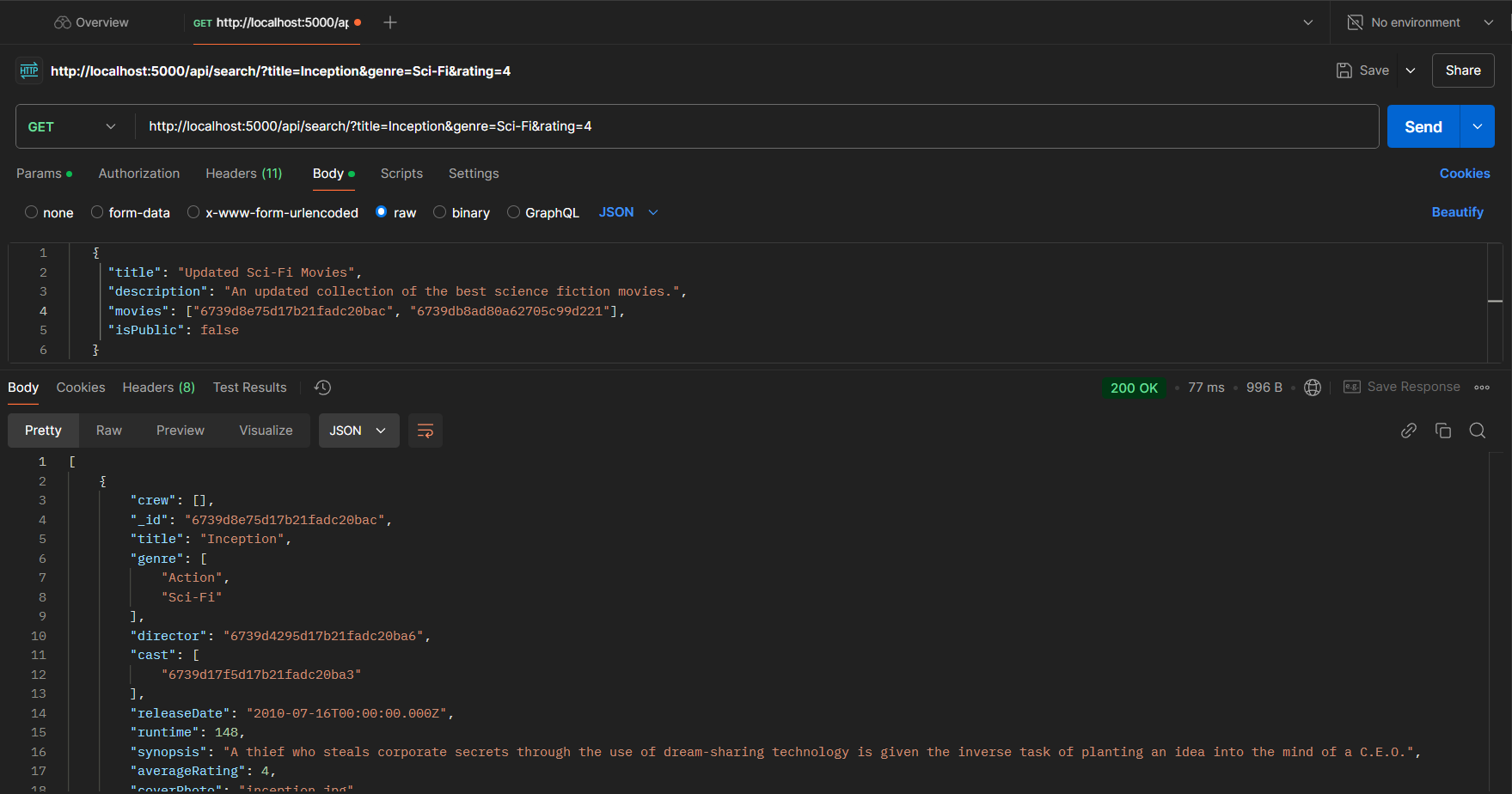


## Top Movie of the Month (GET):

A screenshot of a computer

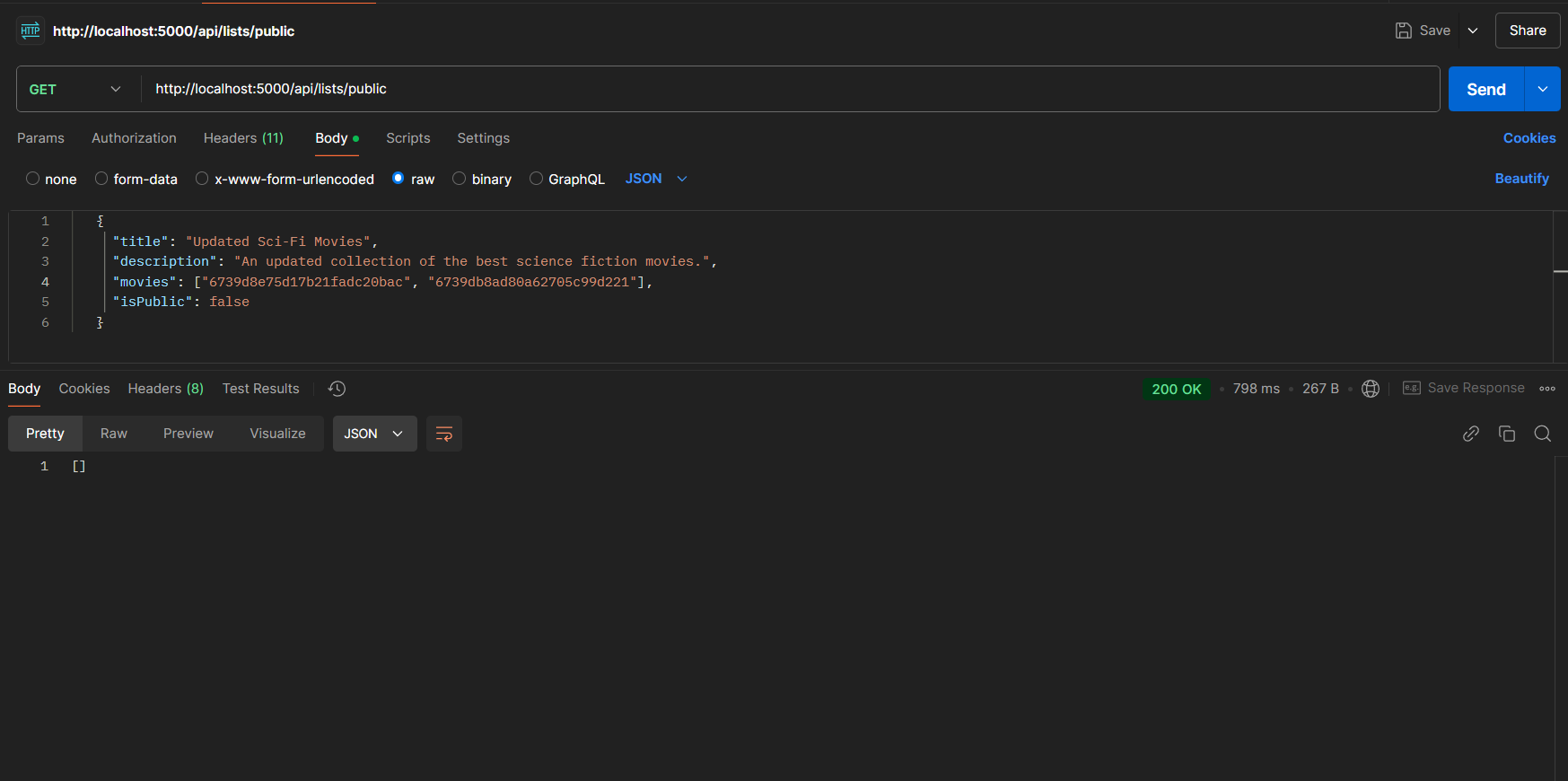
Description automatically generated

## Search a movie (GET):

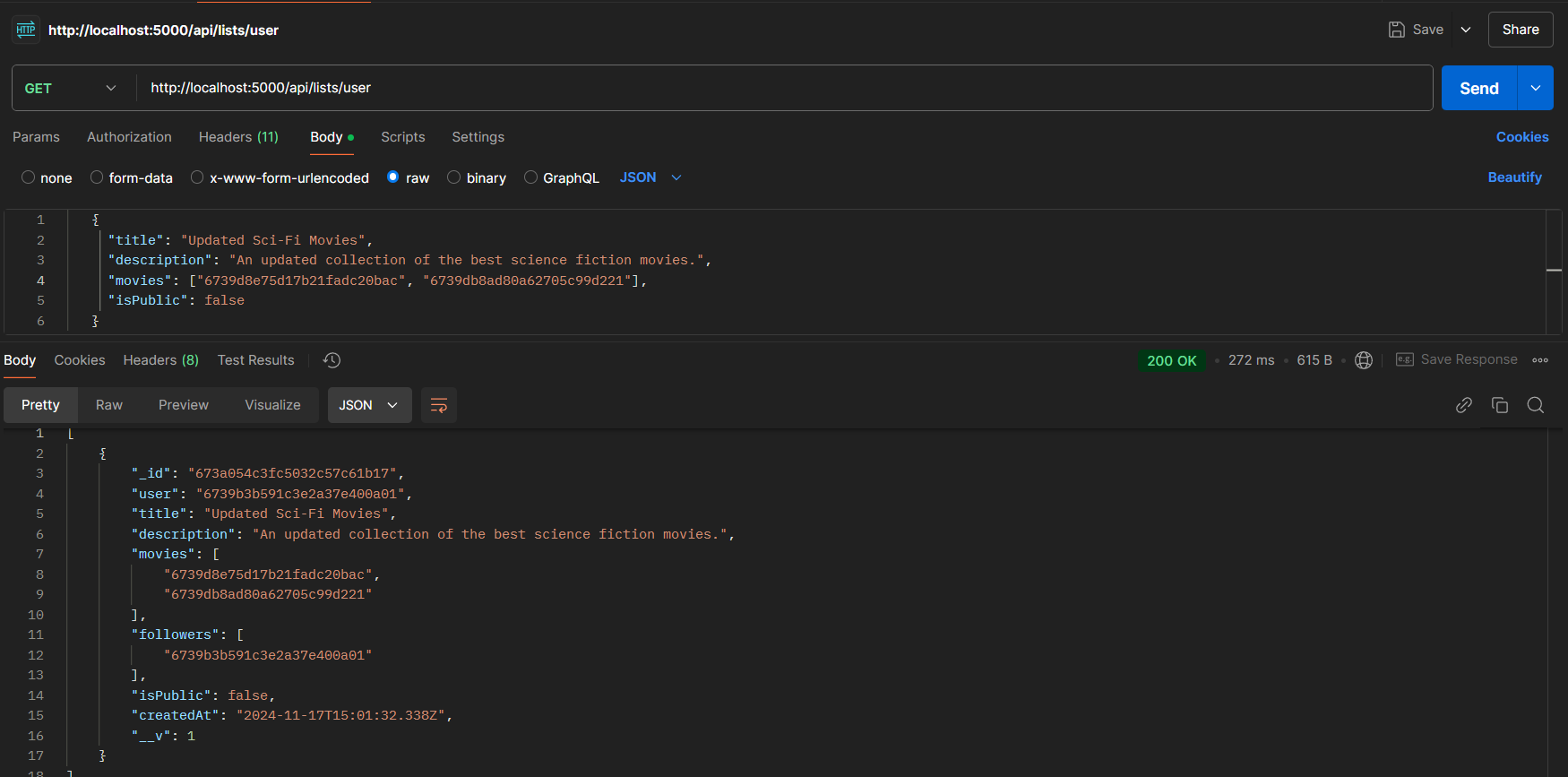


# Watch/Custom Lists:

## Viewing Public Lists (GET):



## Viewing Personal Lists:

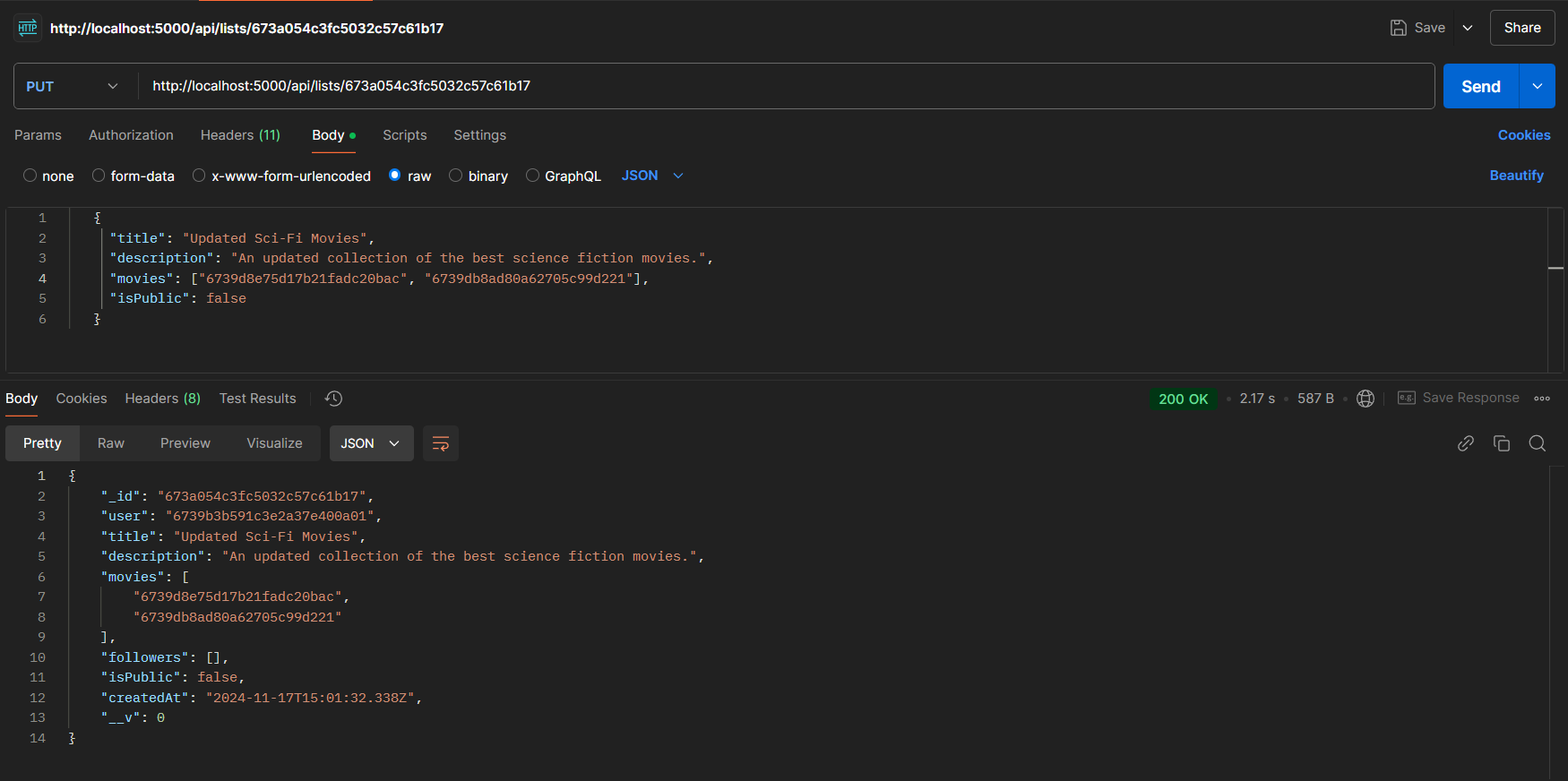


## Following a List (POST):

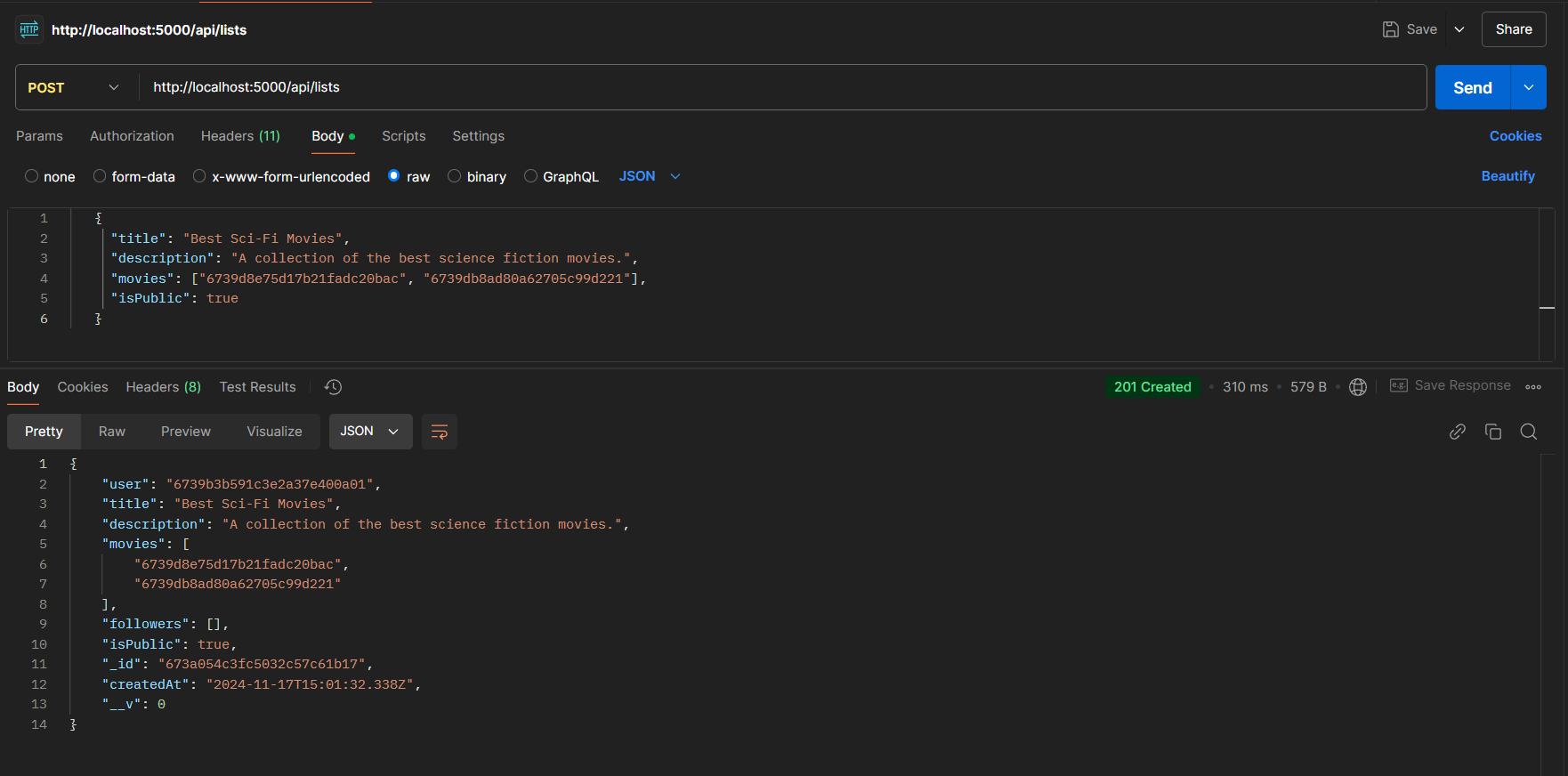
A screenshot of a computer

Description automatically generated

## Updating a List (PUT):



## List Creation (POST):



# Recommendation System:

## Retrieving Top Rated Movies (GET):

A screenshot of a computer

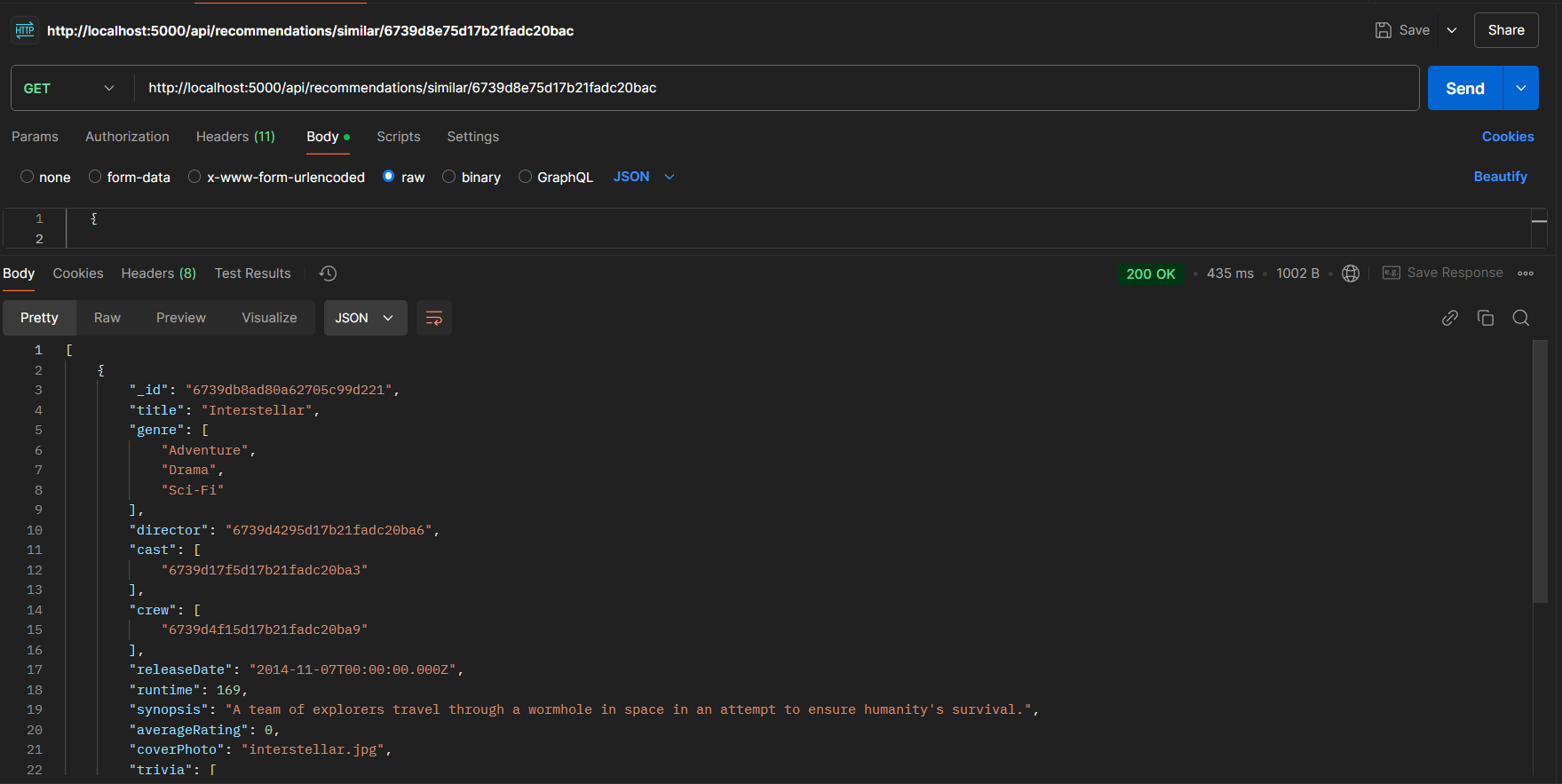
Description automatically generated

## Retrieving Trending Movies (GET):

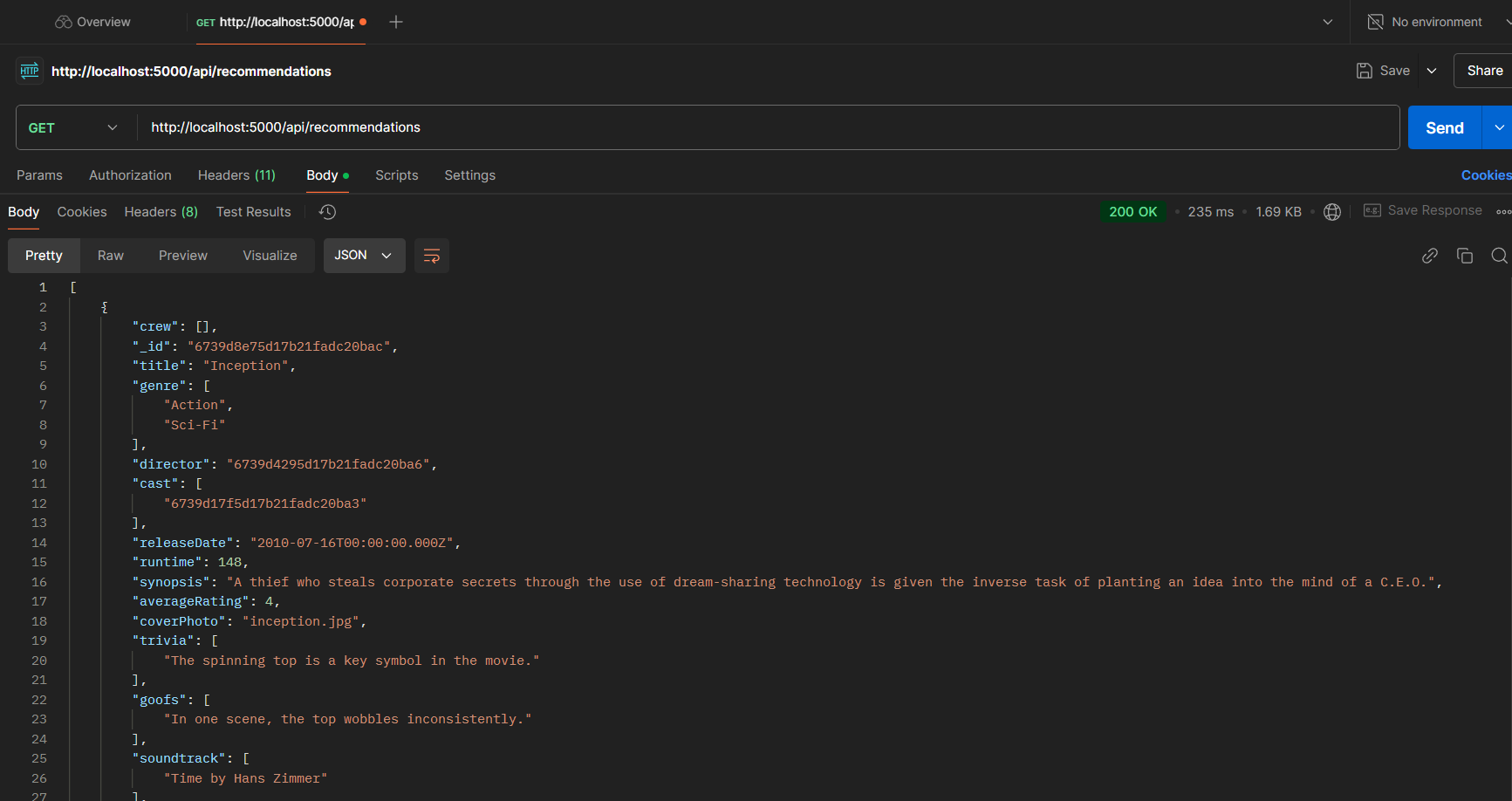
A screenshot of a computer

Description automatically generated

## Retrieving Similar Movies (GET):



## Retrieving Recommendations for a User (GET):



# Rating and Review Module:

## Retrieving Review Highlights (GET):

A screenshot of a computer

Description automatically generated

## Retrieving a Review (GET):

A screenshot of a computer

Description automatically generated

## Updating a Review (PUT):

A screenshot of a computer

Description automatically generated

## Adding a Review (POST):

A screenshot of a computer

Description automatically generated

# Database Management:

## Adding a Movie with references (POST):

A screenshot of a computer

Description automatically generated

A black background with orange and white lines

Description automatically generated

## Retrieving a Crew Member (GET):

A screenshot of a computer

Description automatically generated

## Adding a Crew Member (POST):

A screenshot of a computer

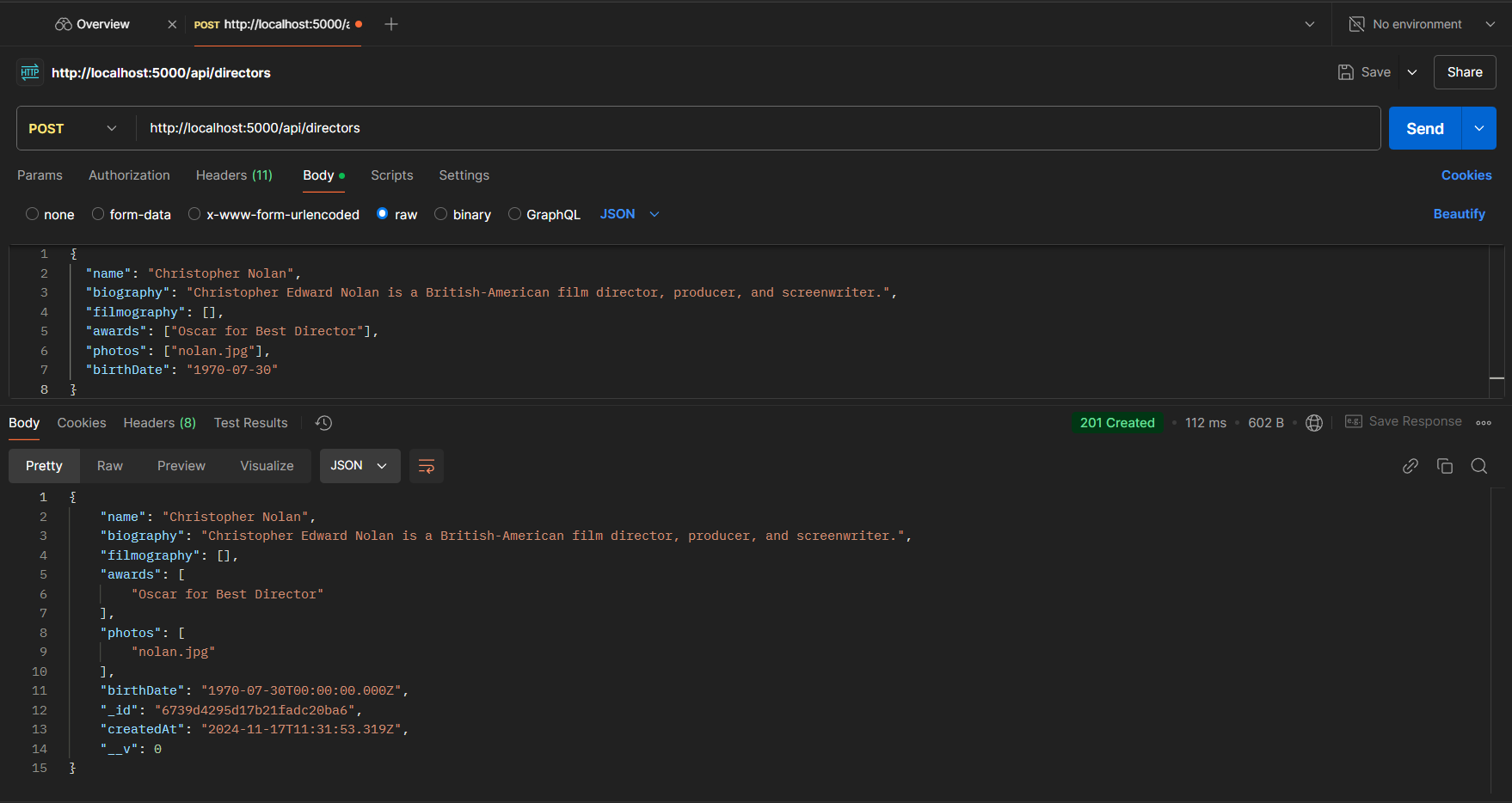
Description automatically generated

## Retrieving a Director (GET):

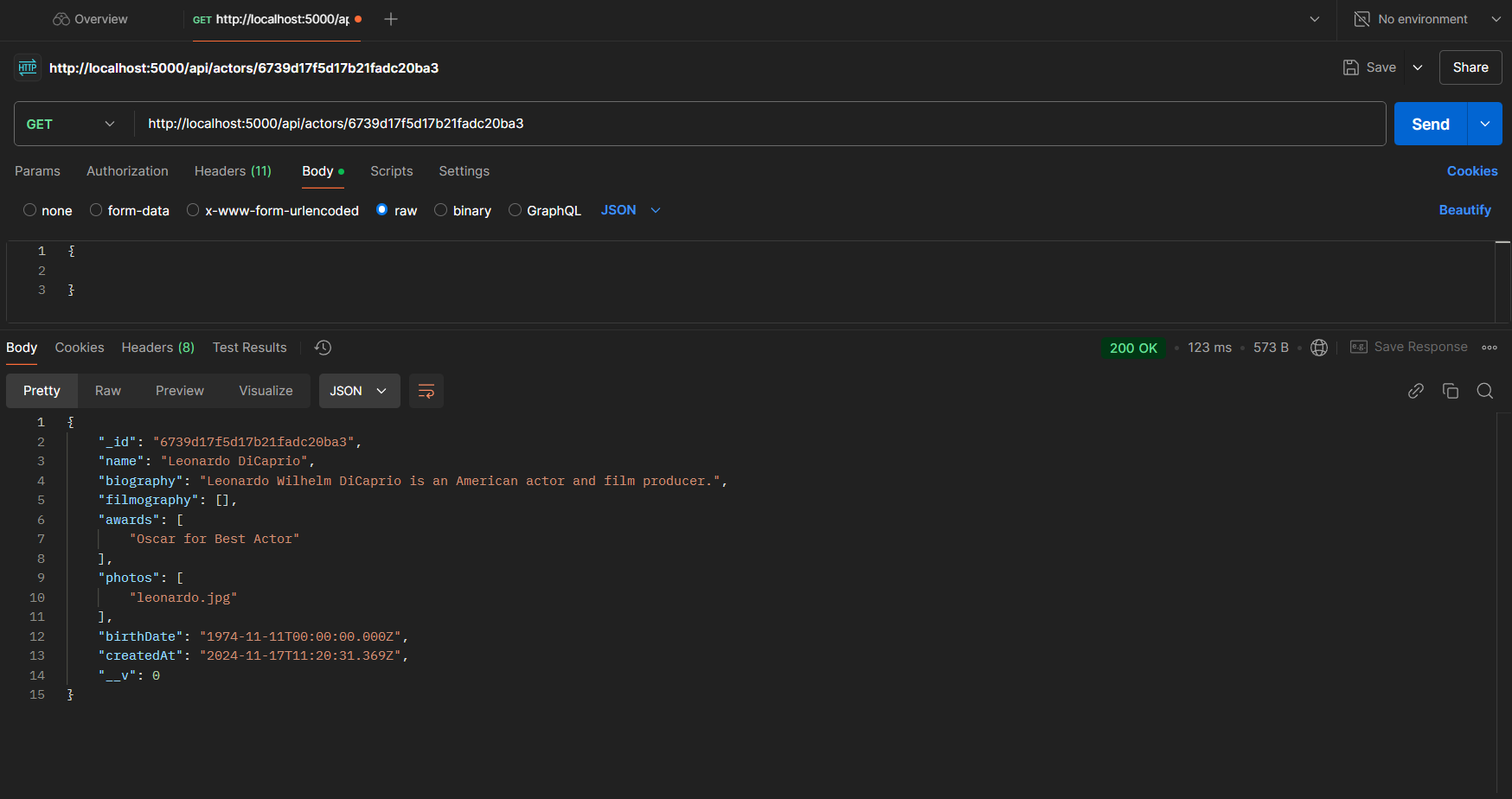
A screenshot of a computer

Description automatically generated

## Adding a Director (POST):



## Retrieving an Actor (GET):



## Adding an Actor (POST):

<http://localhost:5000/api/actors>

### Sent

{

  "name": "Leonardo DiCaprio",

  "biography": "Leonardo Wilhelm DiCaprio is an American actor and film producer.",

  "filmography": [],

  "awards": ["Oscar for Best Actor"],

  "photos": ["leonardo.jpg"],

  "birthDate": "1974-11-11"

}

### Response:

{

    "name": "Leonardo DiCaprio",

    "biography": "Leonardo Wilhelm DiCaprio is an American actor and film producer.",

    "filmography": [],

    "awards": [

        "Oscar for Best Actor"

    ],

    "photos": [

        "leonardo.jpg"

    ],

    "birthDate": "1974-11-11T00:00:00.000Z",

    "\_id": "6739d17f5d17b21fadc20ba3",

    "createdAt": "2024-11-17T11:20:31.369Z",

    "\_\_v": 0

}

## Deleting a movie (DELETE):

### <http://localhost:5000/api/movies/6739b44591c3e2a37e400a04>

### Sent:

JWT\_ADMIN\_TOKEN

### Response

{

    "message": "Movie deleted"

}

## Updating a movie (PUT):

<http://localhost:5000/api/movies/6739b44591c3e2a37e400a04>

### Sent:

{

  "title": "Inception (Updated)",

  "runtime": 150

}

### Response:

{

    "\_id": "6739b44591c3e2a37e400a04",

    "title": "Inception (Updated)",

    "genre": [

        "Action",

        "Sci-Fi"

    ],

    "director": "Christopher Nolan",

    "cast": [

        "Leonardo DiCaprio",

        "Joseph Gordon-Levitt"

    ],

    "releaseDate": "2010-07-16T00:00:00.000Z",

    "runtime": 150,

    "synopsis": "A thief who steals corporate secrets through the use of dream-sharing technology is given the inverse task of planting an idea into the mind of a C.E.O.",

    "averageRating": 0,

    "coverPhoto": "inception.jpg",

    "trivia": [

        "The spinning top is a key symbol in the movie."

    ],

    "goofs": [

        "In one scene, the top wobbles inconsistently."

    ],

    "soundtrack": [

        "Time by Hans Zimmer"

    ],

    "ageRating": "PG-13",

    "parentalGuidance": "Some scenes may be intense for younger viewers.",

    "createdAt": "2024-11-17T09:15:49.665Z",

    "\_\_v": 0

}

## Adding a movie (POST):

<http://localhost:5000/api/movies>

### Sent:

{

  "title": "Inception",

  "genre": ["Action", "Sci-Fi"],

  "director": "Christopher Nolan",

  "cast": ["Leonardo DiCaprio", "Joseph Gordon-Levitt"],

  "releaseDate": "2010-07-16",

  "runtime": 148,

  "synopsis": "A thief who steals corporate secrets through the use of dream-sharing technology is given the inverse task of planting an idea into the mind of a C.E.O.",

  "coverPhoto": "inception.jpg",

  "trivia": ["The spinning top is a key symbol in the movie."],

  "goofs": ["In one scene, the top wobbles inconsistently."],

  "soundtrack": ["Time by Hans Zimmer"],

  "ageRating": "PG-13",

  "parentalGuidance": "Some scenes may be intense for younger viewers."

}

### Response:

{

    "title": "Inception",

    "genre": [

        "Action",

        "Sci-Fi"

    ],

    "director": "Christopher Nolan",

    "cast": [

        "Leonardo DiCaprio",

        "Joseph Gordon-Levitt"

    ],

    "releaseDate": "2010-07-16T00:00:00.000Z",

    "runtime": 148,

    "synopsis": "A thief who steals corporate secrets through the use of dream-sharing technology is given the inverse task of planting an idea into the mind of a C.E.O.",

    "averageRating": 0,

    "coverPhoto": "inception.jpg",

    "trivia": [

        "The spinning top is a key symbol in the movie."

    ],

    "goofs": [

        "In one scene, the top wobbles inconsistently."

    ],

    "soundtrack": [

        "Time by Hans Zimmer"

    ],

    "ageRating": "PG-13",

    "parentalGuidance": "Some scenes may be intense for younger viewers.",

    "\_id": "6739b44591c3e2a37e400a04",

    "createdAt": "2024-11-17T09:15:49.665Z",

    "\_\_v": 0

}

# User Management:

## Admin login POST:

{

  "email": "admin@example.com",

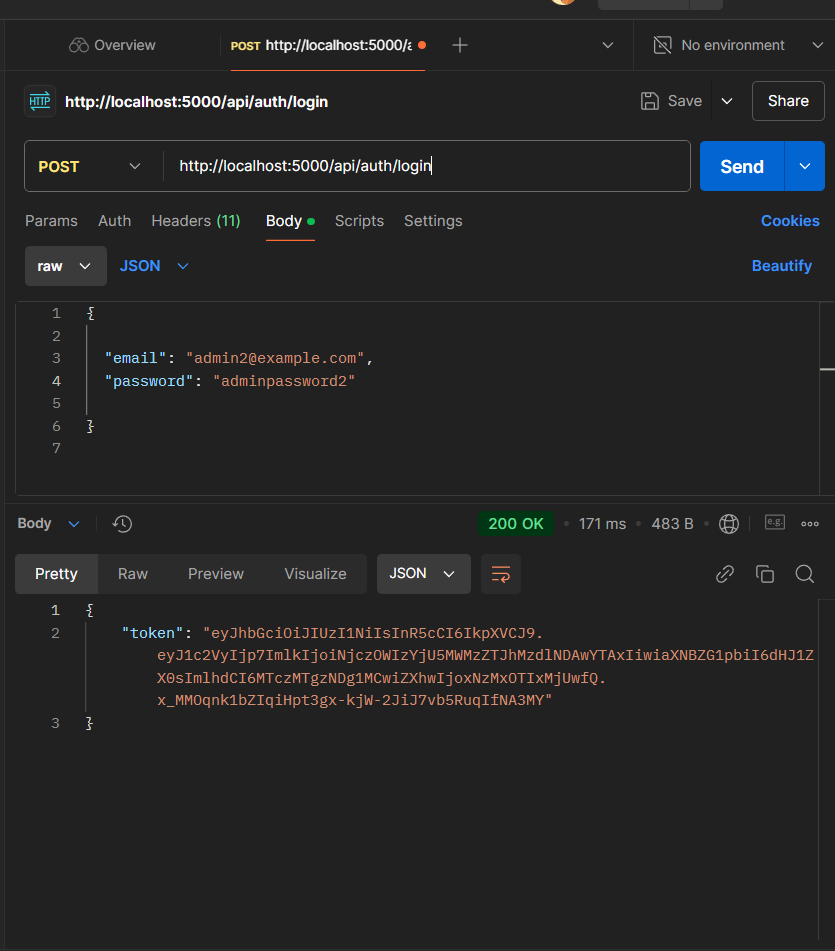
  "password": "adminpassword"

}

{

    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjczOWIwZjhiZDM0NGUwZGZlZWNkZmQ2In0sImlhdCI6MTczMTgzNDIxMCwiZXhwIjoxNzMxOTIwNjEwfQ.ONYzn8FElNmuxjuXjLcorCoKQ4d7iu7kgrUZdKJfxo0"

}



## Admin POST:

{

  "username": "adminUser",

  "email": "admin@example.com",

  "password": "adminpassword",

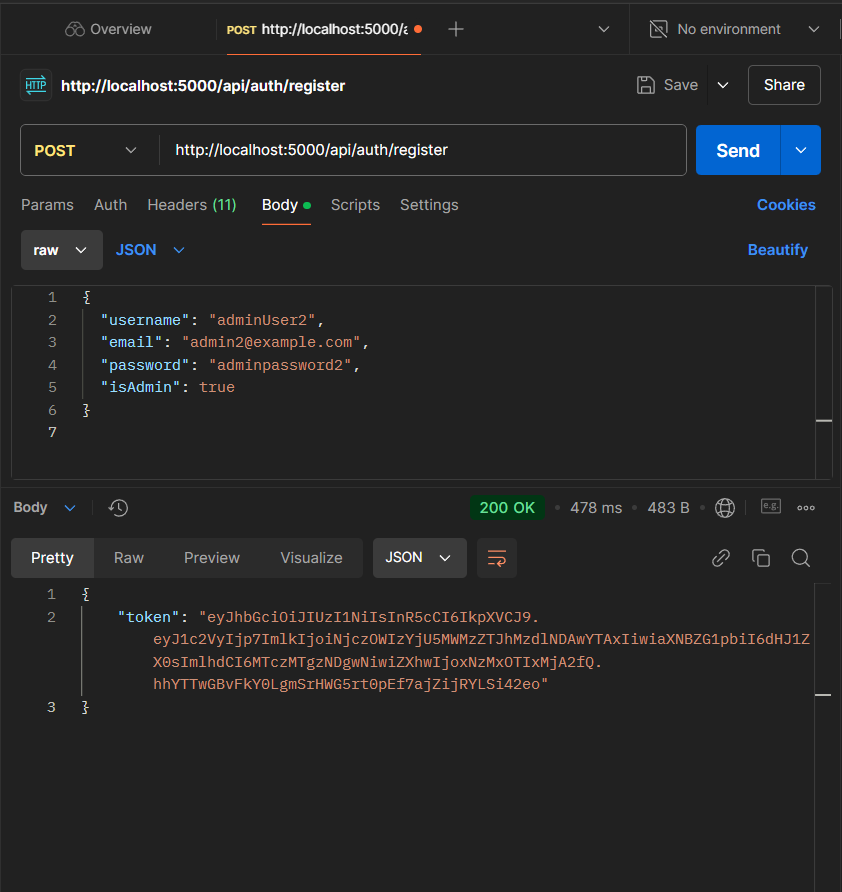
  "isAdmin": true

}

{

    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjczOWIwZjhiZDM0NGUwZGZlZWNkZmQ2In0sImlhdCI6MTczMTgzNDEwNCwiZXhwIjoxNzMxOTIwNTA0fQ.dVizDejjsdUI0RtOS39cMpYawCZy2b3gr23MDCUJ7Q4"

}



## First POST:

http://localhost:5000/api/auth/register POST

### Sent:

{

"username": "testuser",

"email": "test@example.com",

"password": "password123"

}

### Response:

{

"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjczOTk5ZDEwYThlODAyNGQ1Y2U3NDM1In0sImlhdCI6MTczMTgyODE3NywiZXhwIjoxNzMxOTE0NTc3fQ.DCpHHjbE66ehg9eMi2pFKy\_3xjva06LHV7yJBR5IDTs"

}

## Second POST:

http://localhost:5000/api/auth/login

### Sent:

{

"email": "test@example.com",

"password": "password123"

}

### Response

{

"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7ImlkIjoiNjczOTk5ZDEwYThlODAyNGQ1Y2U3NDM1In0sImlhdCI6MTczMTgzMDAwOSwiZXhwIjoxNzMxOTE2NDA5fQ.VBvAs9\_PaZV1uahdtJPpdV9SMZSMK1GkJo4bSNPSHWo"

}

## Third GET:

<http://localhost:5000/api/auth/user>

### Sent

Header: x-auth-token : JWT-Token

### Response

{

"preferences": {

"favoriteGenres": [],

"watchlist": []

},

"\_id": "673999d10a8e8024d5ce7435",

"username": "testuser",

"email": "test@example.com",

"createdAt": "2024-11-17T07:22:57.731Z",

"\_\_v": 0

}

## Fourth PUT

<http://localhost:5000/api/profile>

### Sent

{

"username": "updatedUsername",

"bio": "Movie enthusiast!",

"location": "New York",

"favoriteGenres": ["Action", "Drama"],

"favoriteActors": ["Tom Hanks", "Morgan Freeman"],

"favoriteDirectors": ["Christopher Nolan", "Martin Scorsese"]

}

### Response

{

"profile": {

"avatar": "default-avatar.png",

"bio": "Movie enthusiast!",

"location": "New York"

},

"preferences": {

"favoriteActors": [

"Tom Hanks",

"Morgan Freeman"

],

"favoriteDirectors": [

"Christopher Nolan",

"Martin Scorsese"

],

"favoriteGenres": [

"Action",

"Drama"

],

"watchlist": []

},

"isAdmin": false,

"\_id": "673999d10a8e8024d5ce7435",

"username": "updatedUsername",

"email": "test@example.com",

"password": "$2a$10$jGDUqt8X0vf2YOoHCjQprOVVg/pNntEVM.Xi9h1O2dL7CEA76HkEe",

"createdAt": "2024-11-17T07:22:57.731Z",

"\_\_v": 1

}