

# How to Run the Application Locally

## How to Run the Application Locally

**\*\*Linux / macOS / Windows\*\***

Follow the steps below to run the application locally:

### 1. Reopen the terminal and activate your virtual environment:

### Linux / macOS:

In the terminal, activate the virtual environment created for the project with the following command:

```
```bash
source meu_ambiente/bin/activate
```
```

### Windows:

On Windows, the command to activate the virtual environment varies depending on the terminal you're using.

Try the following in PowerShell:

```
```powershell
.\meu_ambiente\Scripts\Activate
```
```

Or if you're using CMD:

```
```cmd
meu_ambiente\Scripts\activate.bat
```
```

### 2. Navigate to the folder where the `moviesapi.py` file is located:

In the terminal, change the directory to where the project file is located.

If the file is in the folder called **\*\*"API search movies"\*\***, use the following command:

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### Linux / macOS:

```
```bash
cd ~/Área\ de\ trabalho/API\ search\ movies
```
```

### Windows:

The way to access the directory may vary depending on your path. For example:

```
```cmd
cd C:\Users\YourUsername\Área de trabalho\API search movies
```
```

### 3. Restart the Flask server:

Run the following command to start the Flask server:

### Linux / macOS:

```
```bash
python3 moviesapi.py
```
```

### Windows:

You might need to use `python` instead of `python3`, depending on how Python was installed:

```
```cmd
python moviesapi.py
```
```

### 4. Testing the API with Postman:

We recommend using Postman to test your API routes in a more practical and organized way.

Postman is an API testing tool that allows you to easily make HTTP requests and view responses.

### Steps to test with Postman:

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### 1. **Open Postman:**

If you don't have Postman yet, download it here:

[<https://www.postman.com/downloads/>](<https://www.postman.com/downloads/>)

### 2. **Create a new request:**

- Select the request type (GET, POST, PUT, DELETE).

- Enter the API URL:

``http://localhost:5000/movies`` \*(or any other route you implemented)\*

### 3. **Send the request:**

Click the **"Send"** button to test the API and view the response.

### 5. **Open your browser to access the API (optional):**

If you prefer, you can also test the API directly in your browser by visiting:

...

`http://localhost:5000/movies`

...

**This will launch your Flask application and allow you to make requests to your API locally on Linux**