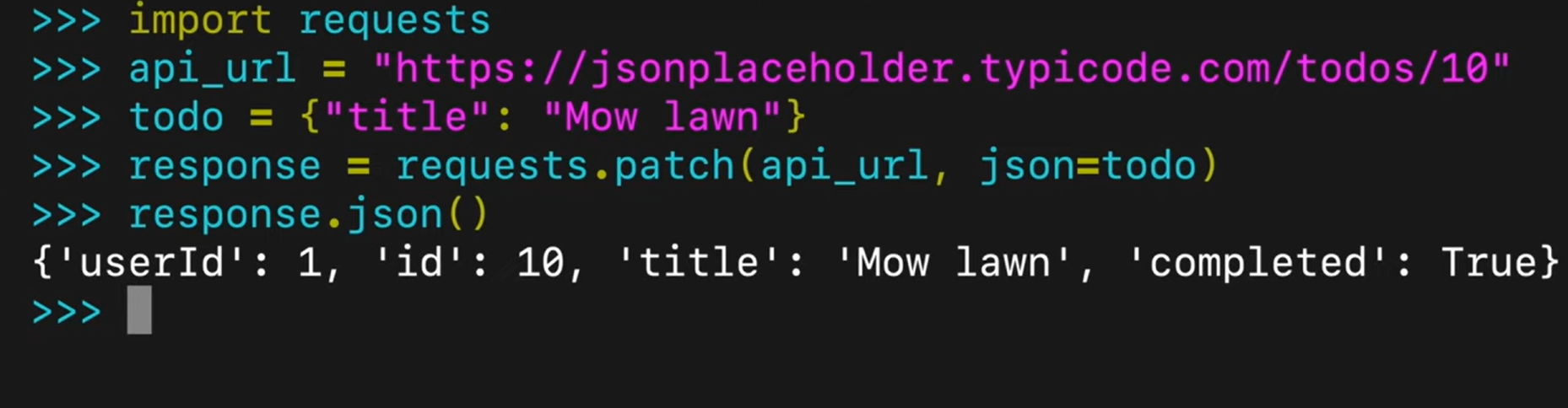


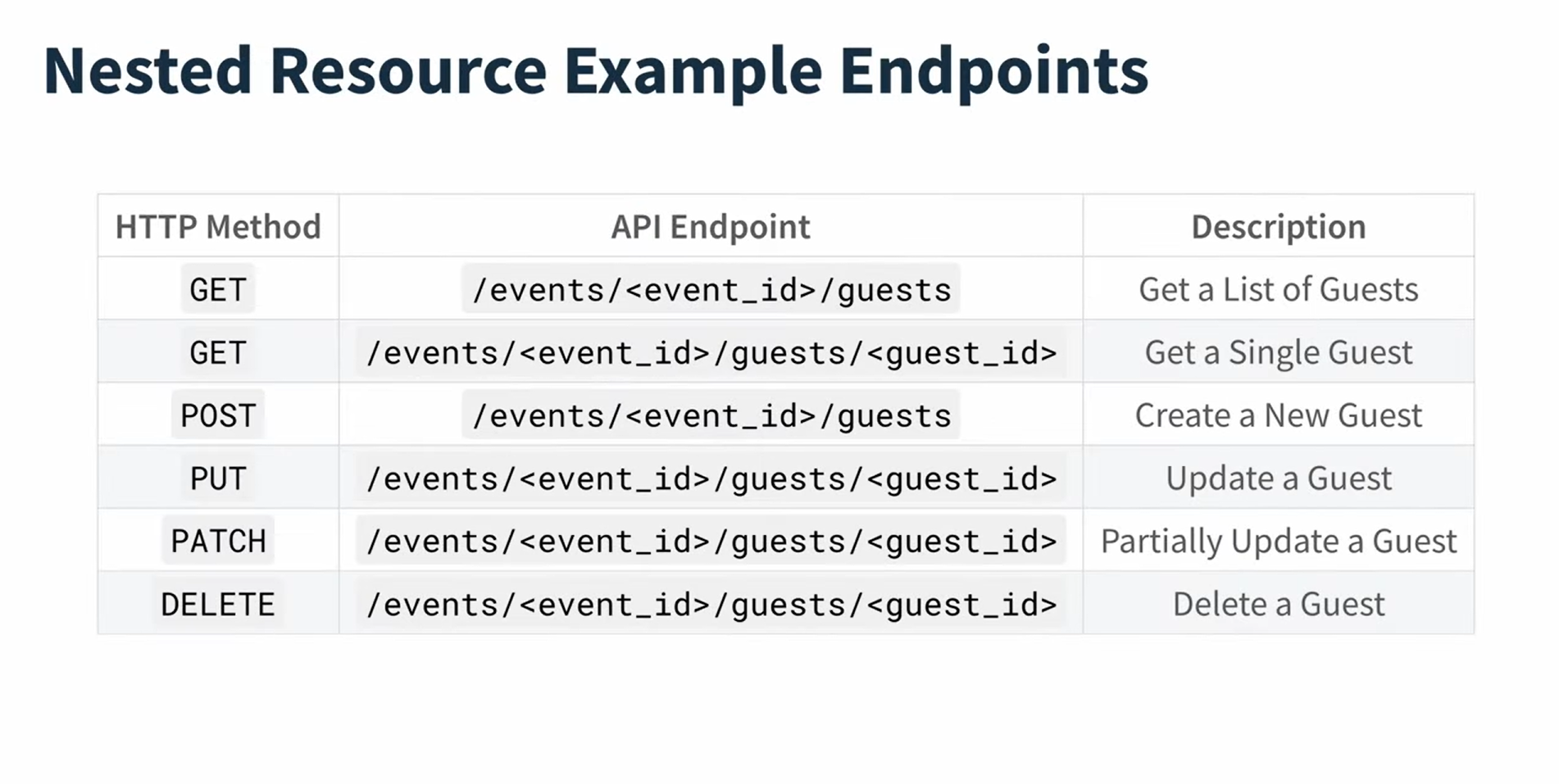
A computer screen with colorful text

Description automatically generated



A computer screen with text

Description automatically generated



A screenshot of a web service

Description automatically generated

A white text on a white background

Description automatically generated

A screenshot of a computer

Description automatically generated

The code snippet you've provided is a basic example of how to make a GET request to an API using the Python requests library. Here’s a breakdown of the code:

**Headers**

python

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headers = {

'Authorization': 'Bearer YOUR\_ACCESS\_TOKEN',

'Content-Type': 'application/json'

}

* **Authorization**: This header is used to pass an access token to the API for authentication. The token is typically provided in a "Bearer" format, which is a common method for sending OAuth 2.0 tokens.
* **Content-Type**: This header specifies the media type of the resource. Here, 'application/json' indicates that the request will handle JSON data.

**Parameters**

python

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params = {

'param1': 'value1',

'param2': 'value2'

}

* **params**: This dictionary contains the query parameters that will be included in the URL of the GET request. For instance, if the url were "https://api.example.com/resource", the final request URL might look like "https://api.example.com/resource?param1=value1&param2=value2".

**Making the GET Request**

python

Copy code

response = requests.get(url, headers=headers, params=params)

* **requests.get()**: This function sends a GET request to the specified URL with the provided headers and query parameters.
* **url**: The API endpoint to which the request is being sent.
* **headers=headers**: The headers defined earlier are passed with the request.
* **params=params**: The query parameters defined earlier are passed with the request.

**Handling the Response**

python

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print(response.json())

* **response.json()**: Assuming the response is in JSON format, this method converts the JSON response into a Python dictionary.
* **print()**: This simply prints the response data to the console.

**Summary**

This code snippet makes an authenticated GET request to an API, sends some query parameters, and prints the JSON response to the console. The Authorization header is used to authenticate the request, and the Content-Type header indicates that the request expects JSON data.