POSTMAN

POSTMAN

Sending HTTP Requests: Advanced

Introduction

Introduction

Request Authentication

Request Parameters

Request Body Options

Request Header Presets

Request Code Snippets

Postman Console

Let's get started!

Request Authentication

Request Parameters

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Sending HTTP Requests: Advanced

Summary

Request Authentication

– Secure the API endpoint usage.

– Inherit the authentication type from the parent.

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eCampusConnect   New   Import

GET Get Courses   ✕   +   ⋯

No Environment ⌄

Collections

⊕   ≡   ⋯

eCampusConnect / courses / Get Courses

Save ⌄   ⋯

⌄ eCampusConnect 👥

⌄ 📁 courses

⌄ 📁 {courseId}

DEL Delete an individual course...

GET Get an individual course item

PUT Update an individual cours...

GET Get Courses

POST Add a new course

APIs

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Mock Servers

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History

GET ⌄   {{baseUrl}}/courses?sortBy=courseName

Send ⌄

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings

Cookies

Type   Inherit auth fr... ⌃

Inherit auth from parent

The authorization heade   No Auth
generated when you send
Learn more about authori   API Key

Bearer Token

Basic Auth

Digest Auth

OAuth 1.0

OAuth 2.0

Hawk Authentication

AWS Signature

NTLM Authentication ...

Akamai EdgeGrid

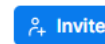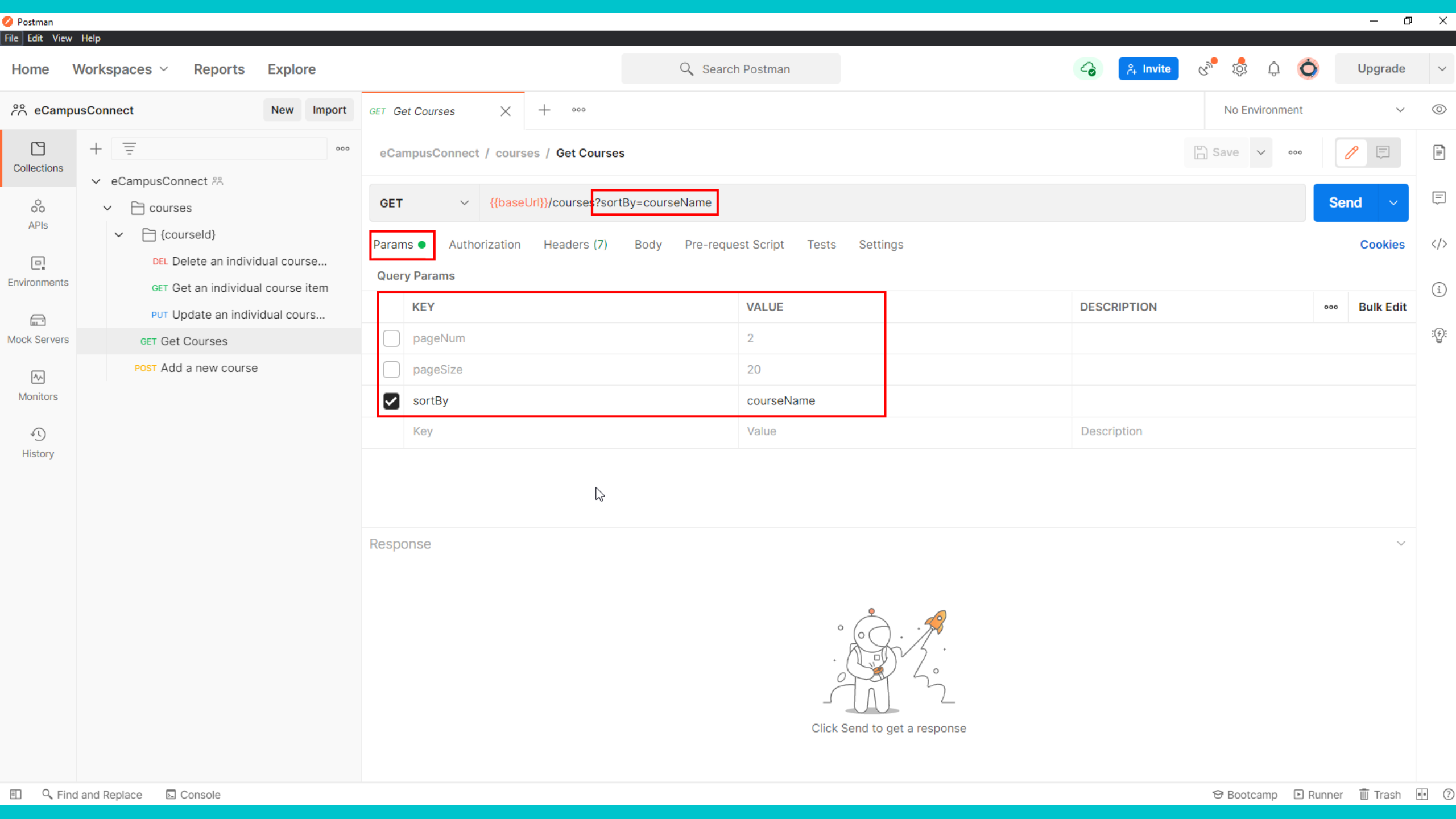This request is using No Auth from collection eCampusConnect.

Response

Click Send to get a response

🔲 Find and Replace   ▣ Console

Bootcamp   ▶ Runner   🗑 Trash

Request Parameters

– Pass data to a request.

– Main use cases:
  – Send requests on an individual item.
  – Filter request using params.

– Two ways to add them:
  – Directly in URL.
  – Parameters dialog.

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GET Get Courses   No Environment ⌄

Collections

eCampusConnect / courses / Get Courses   Save ⌄

⌄ eCampusConnect

APIs

⌄ 📁 courses   GET   {{baseUrl}}/courses?sortBy=courseName   Send ⌄

⌄ 📁 {courseId}

Environments   Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

DEL Delete an individual course...

GET Get an individual course item   Query Params

Mock Servers   PUT Update an individual cours...

	KEY	VALUE	DESCRIPTION	Bulk Edit
☐	pageNum	2		
☐	pageSize	20		
☑	sortBy	courseName		
	Key	Value	Description	

GET Get Courses

Monitors   POST Add a new course

History

Response

Click Send to get a response

Find and Replace   Console   Bootcamp   Runner   Trash

Request Body Options

– Form data

– URL-encoded form data

– Raw data

– Binary data

– GraphQL

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eCampusConnect   New   Import

PUT Update an individ...   ✕   +   •••   No Environment ⌄

Collections

+   ⚗   •••

⌄ eCampusConnect 👥

⌄   📁 courses

⌄   📁 {courseId}

DEL Delete an individual course...

GET Get an individual course item

PUT Update an individual cours...

GET Get Courses

POST Add a new course

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📄 ⌄ / courses / {courseId} / Update an individual course item

💾 Save ⌄   •••   ✏️ 💬

PUT ⌄   {{baseUrl}}/courses/:courseId

Send ⌄

Params ●   Authorization   Headers (9)   **Body ●** ①   Pre-request Script   Tests   Settings   ②   Cookies

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ⌄   Beautify

```
1  {
2      "courseName": "IT",          ③
3      "courseDuration": 4,
4      "courseType": "Engineering"
5  }
```

Response

Click Send to get a response

📖 Find and Replace   ⌨ Console   🥾 Bootcamp   ▶ Runner   🗑 Trash
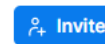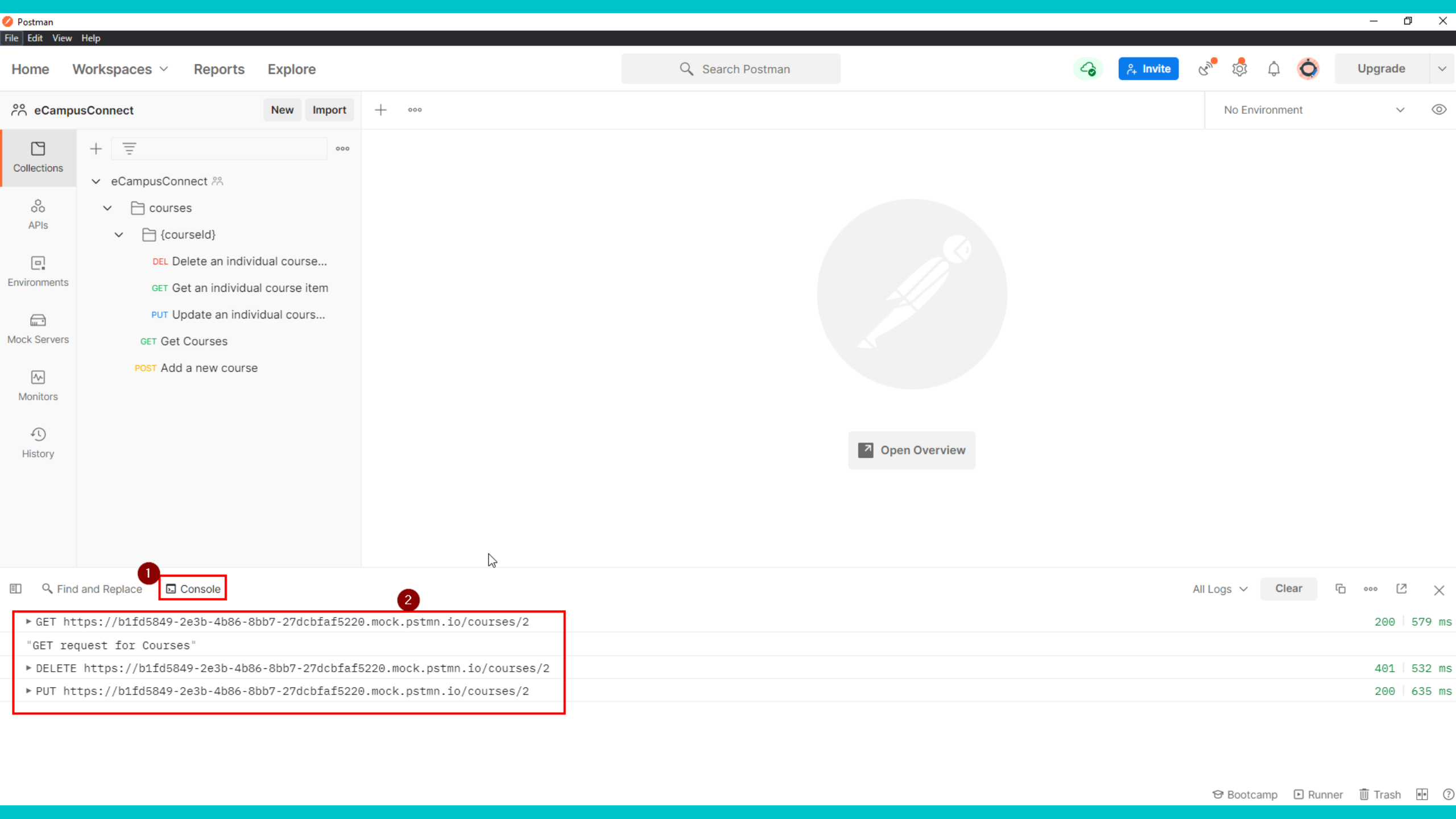
Request Code Snippets

– Generate code snippets for the HTTP Request.

– Gives a head start for client implementation.
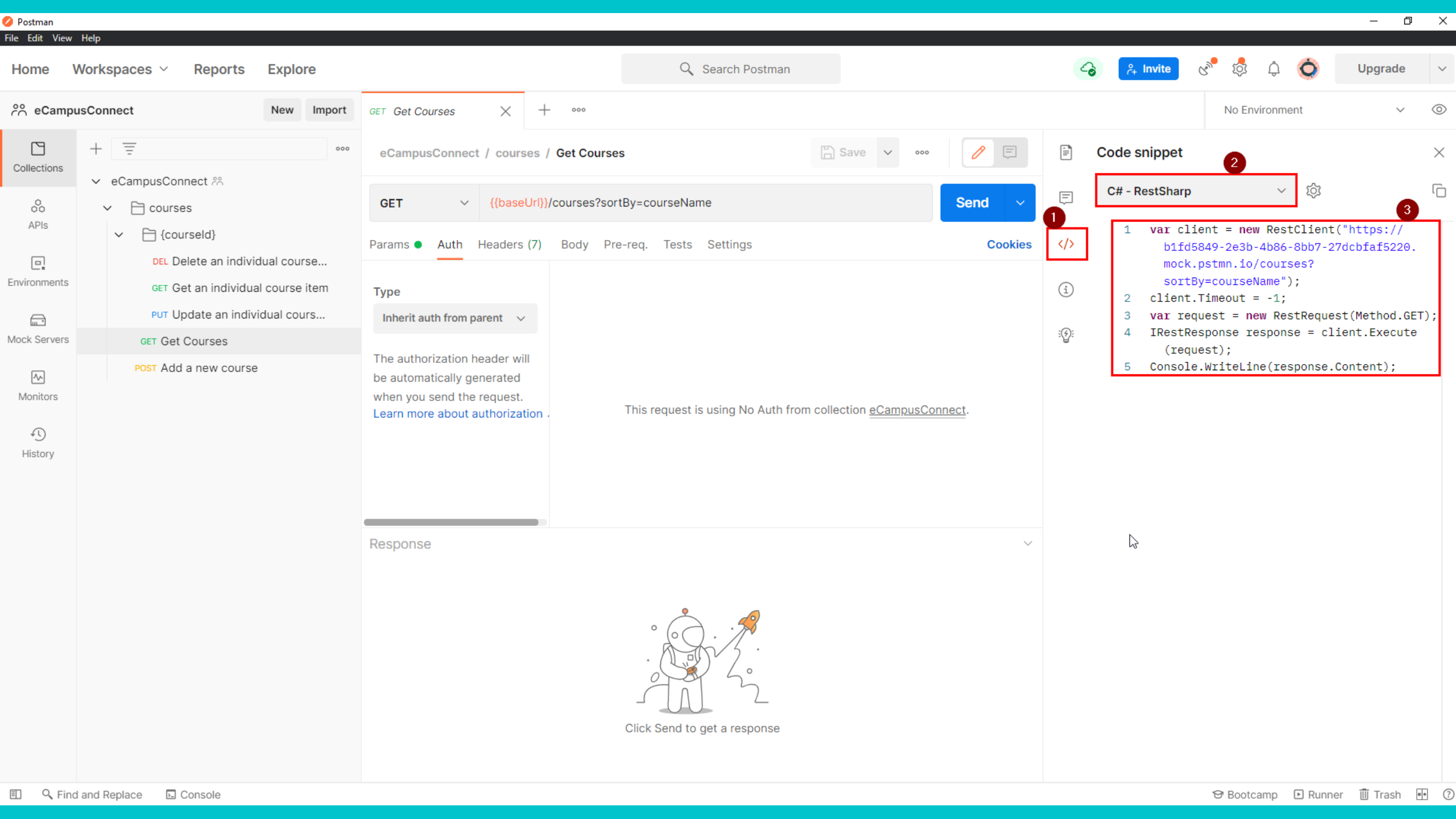
Postman Console

– Capture details of an executed API.

– Useful for troubleshooting requests and responses.

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eCampusConnect   New   Import   No Environment

Collections

⌄ eCampusConnect

  ⌄   📁 courses

    ⌄   📁 {courseId}

        DEL Delete an individual course...

        GET Get an individual course item

        PUT Update an individual cours...

    GET Get Courses

    POST Add a new course

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Open Overview

🔍 Find and Replace   ▣ Console   All Logs ⌄   Clear

▶ GET https://b1fd5849-2e3b-4b86-8bb7-27dcbfaf5220.mock.pstmn.io/courses/2   200 | 579 ms

"GET request for Courses"

▶ DELETE https://b1fd5849-2e3b-4b86-8bb7-27dcbfaf5220.mock.pstmn.io/courses/2   401 | 532 ms

▶ PUT https://b1fd5849-2e3b-4b86-8bb7-27dcbfaf5220.mock.pstmn.io/courses/2   200 | 635 ms