

01. Creating a variable for the URL to the API

Set as new variable

Name

Value

Scope C Collection: TEST ▼

Set Variable

02. Checking if the API responds correctly

TEST / Status Save ✎ 💬

GET ▼ Send ▼

Params Auth Headers (5) Body Pre-req. Tests Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body ▼ 🌐 200 OK 457 ms 226 B 💾 Save as example ⋮

Pretty Raw Preview Visualize JSON ▼ ⌂ 🔍

```
1 {  
2   "status": "UP"  
3 }
```

03. Listing 2 tools from the ladders category

HTTP TEST / Get all tools Save

GET {{baseUrl}}/tools?category=ladders&results=2 Send

Params Auth Headers (5) Body Pre-req. Tests Settings Cookies

	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	category	ladders			
<input type="checkbox"/>	category	lawn-care			
<input checked="" type="checkbox"/>	results	2			
	Key	Value	Description		

Body 200 OK 177 ms 416 B Save as example

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id": 2177,
4     "category": "ladders",
5     "name": "Cosco Three Step Steel Platform",
6     "inStock": true
7   },
8   {
9     "id": 1709,
10    "category": "ladders",
11    "name": "Velocity Aluminum Multi-Position Ladder, 13 Ft, 300 lbs",
12    "inStock": true
13  }
14 ]
```

04. List one tool with the given id

HTTP

TEST / Get single tool

Save

GET

▼

{{baseUrl}}/tools/:toolId

Send

▼

Params

Auth

Headers (5)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
<input type="checkbox"/>	user-manual	true			
	Key	Value	Description		

Path Variables

	Key	Value	Description	...	Bulk Edit
	toolId	4643	Description		

Body

▼

🌐 200 OK 398 ms 340 B

📄 Save as example

⋮

Pretty

Raw

Preview

Visualize

JSON

▼

1

{

2

"id": 4643,

3

"category": "plumbing",

4

"name": "PEX Clamp Tool",

5

"manufacturer": "JWGJW",

6

"price": 3.45,

7

"current-stock": 14,

8

"inStock": true

9

}

05. Client API registration

The screenshot shows the Postman interface for a test named "Reg API Client". The request is a POST to `{{baseUrl}}/api-clients`. The body is a JSON object with `clientName` and `clientEmail`. The response is a 201 status with an `accessToken`.

Request:

```
POST {{baseUrl}}/api-clients
```

Body (JSON):

```
{
  "clientName": "Dawid",
  "clientEmail": "dawid@example.com"
}
```

Response:

```
{
  "accessToken": "1d6c3e7d6f061d8efecd52023bf6795cd7f2842c3631960a211901eb24d09e86"
}
```

06. Create order

The screenshot shows the Postman interface for a test named "Create order". The request is a POST to `{{baseUrl}}/orders`. The body is a JSON object with `toolId` and `customerName`. The response is a 201 status with `created` and `orderId`.

Request:

```
POST {{baseUrl}}/orders
```

Body (JSON):

```
{
  "toolId": 4643,
  "customerName": "Dawid M"
}
```

Response:

```
{
  "created": true,
  "orderId": "C6SVfo2GIsu1PKXxbQn9o"
}
```

07. Listing tools that are not in Stock

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** `{{baseUrl}}/tools?available=false`
- Params:**

Key	Value	Description
<input type="checkbox"/> category	ladders	
<input type="checkbox"/> category	lawn-care	
<input type="checkbox"/> results	2	
<input checked="" type="checkbox"/> available	false	
- Body:** Pretty view of the response.

```
1 [
2   {
3     "id": 6543,
4     "category": "electric-generators",
5     "name": "GENMAX 3200 Watt Inverter Generator",
6     "inStock": false
7   },
8   {
9     "id": 5851,
10    "category": "power-tools",
11    "name": "20V MAX Cordless Drill Combo Kit",
12    "inStock": false
13  }
14 ]
```
- Status:** 200 OK, 163 ms, 415 B
- Actions:** Save, Save as example, Copy, Search.

08. Attempt to order a tool that is not in stock

The screenshot shows the Postman interface for a test titled "Create order". The request is a POST to `{{baseUrl}}/orders` with a JSON body:

```
1 {
2   "toolId": 6543,
3   "customerName": "Dawid M"
4 }
```

The response is a 400 Bad Request with the message: `"error": "This tool is not in stock and cannot be ordered."`

09. Attempting to send RandomFullName

The screenshot shows the Postman interface with a collection of tests. The selected test is "Create order", which is a POST to `{{baseUrl}}/orders`. The JSON body is:

```
1 {
2   "toolId": 6543,
3   "customerName": "{{RandomFullName}}"
4 }
```

The response is a 400 Bad Request with the message: `"error": "This tool is not in stock and cannot be ordered."`

At the bottom, the console shows the request details for the POST to `https://simple-tool-rental-api.glitch.me/orders`. The request body is:

```
{
  "toolId": 6543,
  "customerName": "Dave Buckridge"
}
```

10. Listing all orders

The screenshot shows a REST client interface with a dark theme. At the top, the URL bar displays `GET {{baseUrl}}/orders` with a `Send` button. Below the URL bar, tabs for `Params`, `Auth`, `Headers (6)`, `Body`, `Pre-req.`, `Tests`, and `Settings` are visible, along with a `Cookies` link on the right. The `Query Params` section contains a table with columns `Key`, `Value`, and `Description`. Below this, the `Body` tab is active, showing a status bar with `200 OK`, `842 ms`, and `489 B`, along with a `Save as example` button. The response body is displayed in `JSON` format, showing a list of two order objects. The first object has an `id` of `"C6SVfo2GIsu1PKXxbQn9o"`, `toolId` of `4643`, `customerName` of `"Dawid M"`, `quantity` of `1`, `created` timestamp of `"2024-01-03T12:21:06.202Z"`, and an empty `comment`. The second object has an `id` of `"OAd_wJXmkaYNpY8m0vJsF"`, `toolId` of `4643`, `customerName` of `"Francisco Adams"`, `quantity` of `1`, `created` timestamp of `"2024-01-03T12:39:43.140Z"`, and an empty `comment`.

HTTP TEST / Get all orders

GET `{{baseUrl}}/orders` Send

Params Auth Headers (6) Body Pre-req. Tests Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Body 200 OK 842 ms 489 B Save as example

Pretty Raw Preview Visualize JSON

```
[
  {
    "id": "C6SVfo2GIsu1PKXxbQn9o",
    "toolId": 4643,
    "customerName": "Dawid M",
    "quantity": 1,
    "created": "2024-01-03T12:21:06.202Z",
    "comment": ""
  },
  {
    "id": "OAd_wJXmkaYNpY8m0vJsF",
    "toolId": 4643,
    "customerName": "Francisco Adams",
    "quantity": 1,
    "created": "2024-01-03T12:39:43.140Z",
    "comment": ""
  }
]
```

11. Printing information about the order with a specific ID

The screenshot shows the Postman interface for a REST client. At the top, the request is labeled "TEST / Get single order". The method is "GET" and the URL is "{{baseUrl}}/orders/:orderId". The "Send" button is visible. Below the URL bar, the "Params" tab is selected, showing a table for Query Params and Path Variables. The Path Variables table contains one entry: "orderId" with the value "C6SVfo2GIsu1PKXxbQn9o". The "Body" tab is selected, showing a JSON response in "Pretty" format. The response status is "200 OK" with a response time of "302 ms" and a size of "468 B".

GET `{{baseUrl}}/orders/:orderId` **Send**

Params • Auth • Headers (6) Body Pre-req. Tests Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Path Variables

Key	Value	Description	...	Bulk Edit
orderId	C6SVfo2GIsu1PKXxbQn9o	Description		

Body **200 OK** 302 ms 468 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "C6SVfo2GIsu1PKXxbQn9o",
3   "toolId": 4643,
4   "customerName": "Dawid M",
5   "createdBy":
6     "b5c7a107664edeb22fe610cca05b3b0f81cb64e4569bff6240f41af68e4108af",
7   "quantity": 1,
8   "created": "2024-01-03T12:21:06.202Z",
9   "timestamp": 1704284466202,
10  "processed": false,
11  "comment": ""
12 }
```


12. Changing customerName

The screenshot shows the Postman application interface for a PATCH request. The top bar indicates the request is a **TEST / Update order**. The method is **PATCH** and the URL is `{{baseUrl}}/orders/:orderId`. The **Body** tab is selected, showing a JSON payload:

```
{
  "customerName": "Dawid Mikula"
}
```

. The status bar at the bottom shows a **204 No Content** response, with a duration of **592 ms** and a size of **111 B**. The response body is currently empty.

HTTP TEST / Update order Save

PATCH `{{baseUrl}}/orders/:orderId` Send

Params Auth Headers (8) **Body** Pre-req. Tests Settings Cookies

raw JSON Beautify

```
1 {
2   "customerName": "Dawid Mikula"
3 }
```

Body 204 No Content 592 ms 111 B Save as example

Pretty Raw Preview Visualize Text

1

13. Listing an order after a change

HTTP

TEST / Get single order

Save

GET

{{baseUrl}}/orders/:orderId

Send

Params

Auth

Headers (6)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Path Variables

	Key	Value	Description	...	Bulk Edit
	orderId	C6SVfo2GIIsu1PKXxbQn9o	Description		

Body

200 OK 199 ms 474 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "id": "C6SVfo2GIIsu1PKXxbQn9o",
3   "toolId": 4643,
4   "customerName": "Dawid Mikula",
5   "createdBy":
6     "b5c7a107664edeb22fe610cca05b3b0f81cb64e4569bff6240f41af68e4108af",
7   "quantity": 1,
8   "created": "2024-01-03T12:21:06.202Z",
9   "timestamp": 1704284466202,
10  "processed": false,
11  "comment": ""
12 }
```

14. Deleting an order

The screenshot shows the Postman interface for a DELETE request. The URL is `{{baseUrl}}/orders/:orderId`. The status bar indicates a successful response: 204 No Content, 305 ms, 111 B. The response body is empty.

DELETE `{{baseUrl}}/orders/:orderId` **Send**

Params • **Auth** • **Headers (6)** **Body** **Pre-req.** **Tests** **Settings** **Cookies**

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Path Variables

	Key	Value	Description	...	Bulk Edit
	orderId	C6SVfo2GIIsu1PKXxbQn9o	Description		

Body **204 No Content** **305 ms** **111 B** **Save as example**

Pretty **Raw** **Preview** **Visualize** **Text** **Copy** **Search**

1

15. Checking if the order has been deleted

The screenshot shows the Postman interface for a GET request. The URL is `{{baseUrl}}/orders/:orderId`. The status bar indicates a 404 Not Found response, 397 ms, 270 B. The response body is a JSON object with an error message.

GET `{{baseUrl}}/orders/:orderId` **Send**

Params • **Auth** • **Headers (6)** **Body** **Pre-req.** **Tests** **Settings** **Cookies**

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Path Variables

	Key	Value	Description	...	Bulk Edit
	orderId	C6SVfo2GIIsu1PKXxbQn9o	Description		

Body **404 Not Found** **397 ms** **270 B** **Save as example**

Pretty **Raw** **Preview** **Visualize** **JSON** **Copy** **Search**

```
1 {
2   "error": "No order with id C6SVfo2GIIsu1PKXxbQn9o."
3 }
```