

## Working with GET Requests

1. Set your HTTP request to GET.
2. In the request URL field, input link <https://jsonplaceholder.typicode.com/users>
3. Click Send
4. You will see 200 OK Message
5. There should be 10 user results in the body which indicates that your test has run successfully

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar is visible with a 'Collections' section. The main area displays a GET request to <https://jsonplaceholder.typicode.com/users>. The request is configured with the method 'GET' and the URL. Below the URL bar, the 'Params' tab is active, showing a table for query parameters. The response is displayed in the 'Body' tab, showing a JSON array of 10 user objects. The status bar at the bottom indicates 'Status: 200 OK'.

**Query Params Table:**

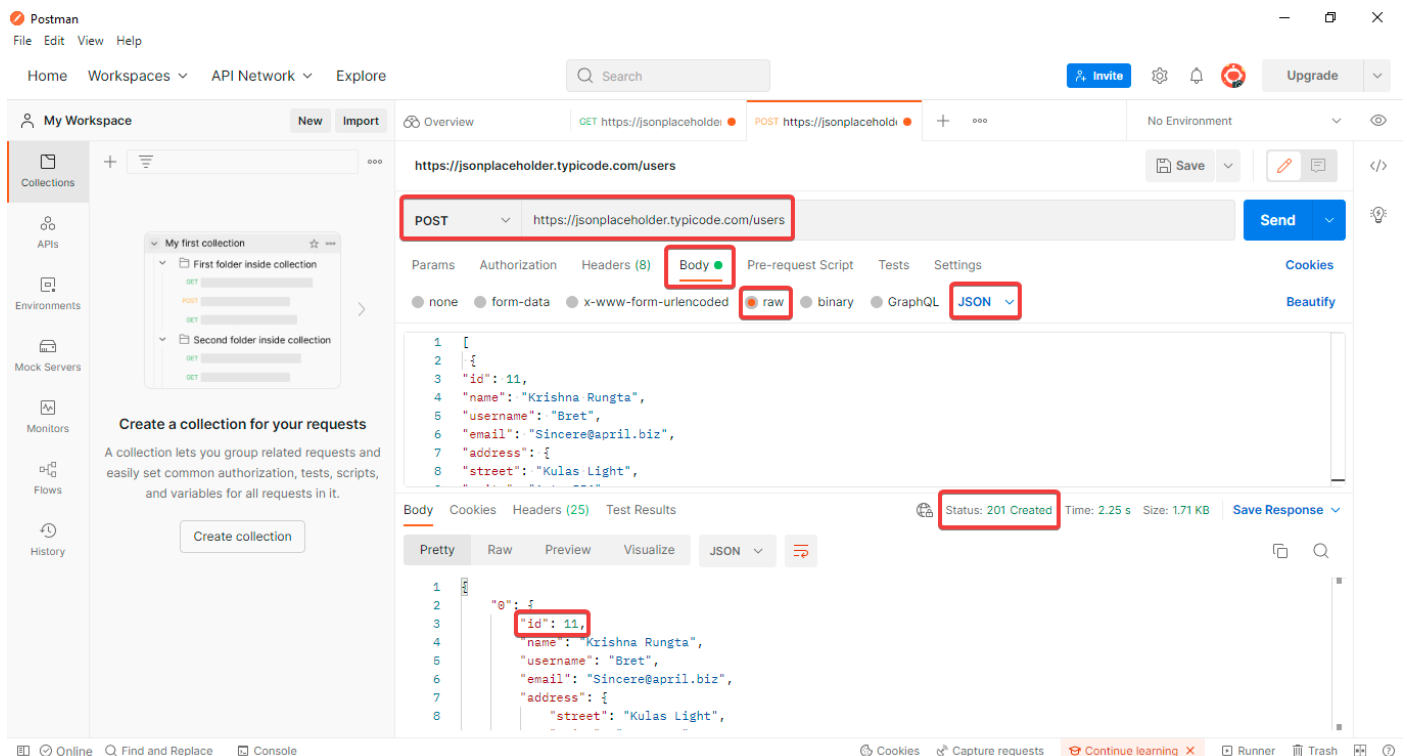
KEY	VALUE	DESCRIPTION
Key	Value	Description

**Response Body (JSON):**

```
[{"id": 1, "name": "Clementina DuBuque", "username": "Moriah.Stanton", "email": "Rey.Padberg@karina.biz", "address": {"street": "Kattie Turnpike", "suite": 518, "city": "Newburgh", "state": "New York", "zip": "10994-2147"}}, {"id": 2, "name": "Ervin Howell", "username": "Carmelita", "email": "Luis.Tremblay@kayla.net", "address": {"street": "P.O. Box 64599", "suite": 910, "city": "Elktonville", "state": "Arkansas", "zip": "71615-0002"}}, {"id": 3, "name": "Clementine Fisk", "username": "Mia", "email": "Mina.fisk@karina.biz", "address": {"street": "5401 Davis", "suite": 950, "city": "Hollywood", "state": "Florida", "zip": "32603-6543"}}, {"id": 4, "name": "Serge Bedard", "username": "Vincenza", "email": "Luis.Legros@karina.biz", "address": {"street": "P.O. Box 8286", "suite": 846, "city": "Newburgh", "state": "New York", "zip": "10994-2147"}}, {"id": 5, "name": "Kurtis Kinsinger", "username": "Bernice", "email": "Bernice.kinsinger@karina.biz", "address": {"street": "P.O. Box 64599", "suite": 910, "city": "Elktonville", "state": "Arkansas", "zip": "71615-0002"}}, {"id": 6, "name": "Clementine Fisk", "username": "Mia", "email": "Mina.fisk@karina.biz", "address": {"street": "5401 Davis", "suite": 950, "city": "Hollywood", "state": "Florida", "zip": "32603-6543"}}, {"id": 7, "name": "Serge Bedard", "username": "Vincenza", "email": "Luis.Legros@karina.biz", "address": {"street": "P.O. Box 8286", "suite": 846, "city": "Newburgh", "state": "New York", "zip": "10994-2147"}}, {"id": 8, "name": "Kurtis Kinsinger", "username": "Bernice", "email": "Bernice.kinsinger@karina.biz", "address": {"street": "P.O. Box 64599", "suite": 910, "city": "Elktonville", "state": "Arkansas", "zip": "71615-0002"}}, {"id": 9, "name": "Clementine Fisk", "username": "Mia", "email": "Mina.fisk@karina.biz", "address": {"street": "5401 Davis", "suite": 950, "city": "Hollywood", "state": "Florida", "zip": "32603-6543"}}, {"id": 10, "name": "Serge Bedard", "username": "Vincenza", "email": "Luis.Legros@karina.biz", "address": {"street": "P.O. Box 8286", "suite": 846, "city": "Newburgh", "state": "New York", "zip": "10994-2147"}}]
```

## Working with POST Requests

1. Click a new tab to create a new request
2. Set your HTTP request to POST.
3. Input the same link in request url: <https://jsonplaceholder.typicode.com/users>
4. Switch to the Body tab
5. In Body, Click raw, Select JSON
6. Copy and paste just one user result from the previous get request like below. Ensure that the code has been copied correctly with paired curly braces and brackets. Change id to 11 and name to any desired name. You can also change other details like the address.
7. Click Send. Status: 201 Created should be displayed. Posted data are showing up in the body.



## How to Parameterize Requests

1. Set your HTTP request to GET
2. Input this link: `https://jsonplaceholder.typicode.com/users`. Replace the first part of the link with a parameter such as `{{url}}`. Request url should now be `{{url}}/users`.
3. Click send. There should be no response since we have not set the source of our parameter

The screenshot shows the Postman interface with a GET request to `{{url}}/users`. The request is highlighted with a red box. Below the request, the 'Query Params' table is visible. The response section shows an error message 'Could not send request' highlighted with a red box, and a console message 'Error: getaddrinfo ENOTFOUND {{url}}'.

KEY	VALUE	DESCRIPTION
Key	Value	Description

Response

Could not send request

Error: getaddrinfo ENOTFOUND {{url}} View in Console

1. Click the eye icon
2. Click edit to set the variable to a global environment which can be used in all collections.
3. In variable, set the name to the url which is <https://jsonplaceholder.typicode.com>
4. click Save.
5. Go back to your Get request then click send. There should now be results for your request

The first screenshot shows the Postman 'Globals' tab. A red box highlights the 'url' variable with a value of 'https://jsonplaceholder.typicode.com'. The second screenshot shows a GET request to '{{url}}/users' with a red box around the variable name. Below the request, the response body is shown in JSON format, with a red box highlighting the status '200 OK'.

**Globals Tab**

VARIABLE	TYPE	INITIAL VALUE	CURRENT VALUE	Persist All	Reset All
<input checked="" type="checkbox"/> url	default	https://jsonplaceholder.typicod...	https://jsonplaceholder.typicode.com		
Add a new variable					

**Request Tab**

GET {{url}}/users

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

Body Cookies Headers (25) Test Results

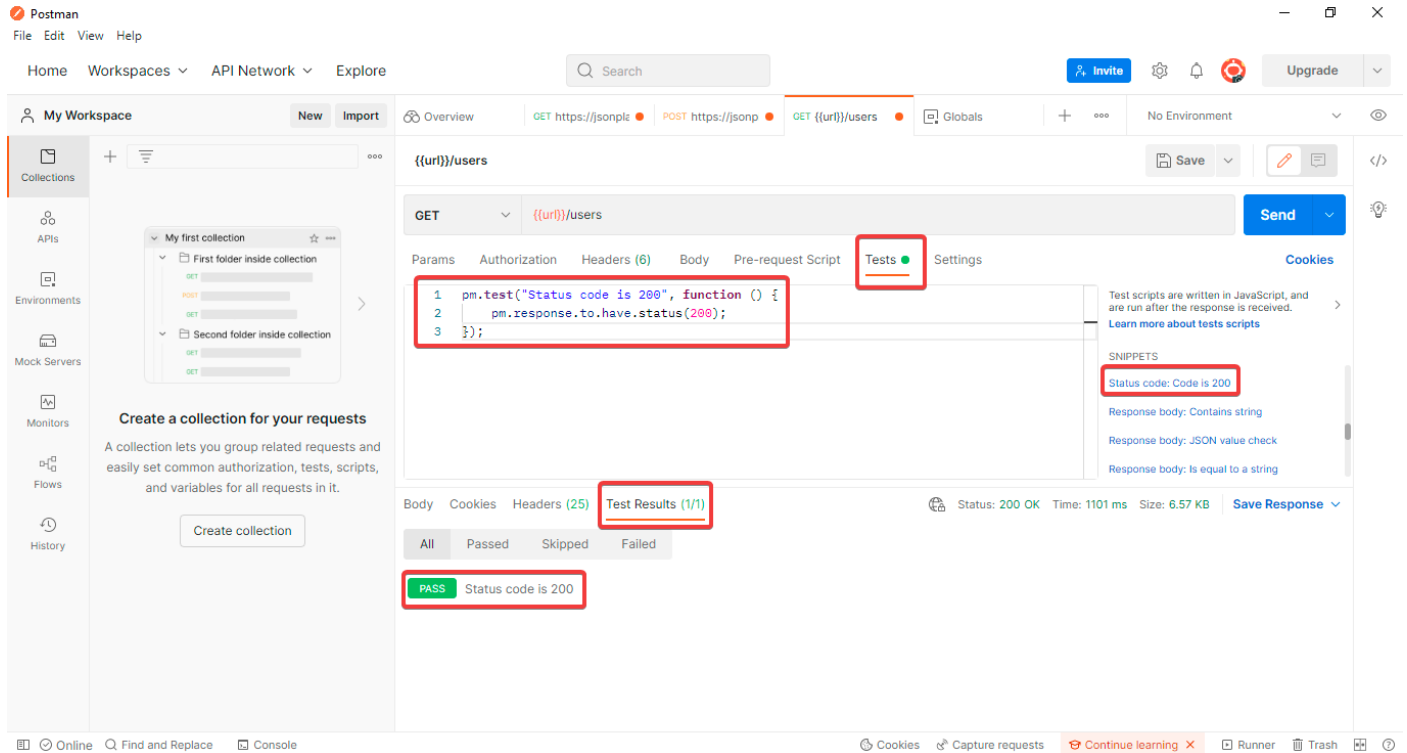
Status: 200 OK Time: 170 ms Size: 6.58 KB Save Response

Pretty Raw Preview Visualize JSON

```
288 {,
289   {
290     "id": 10,
291     "name": "Clementina DuBuque",
292     "username": "Moriah.Stanton",
293     "email": "Rey.Padberg@karina.biz",
294     "address": {
295       "street": "Kattie Turnpike",
296       "suite": "Apt. 568",
297       "city": "Port Charles",
298       "zipcode": "92076-8837"
299     }
300   }
301 }
```

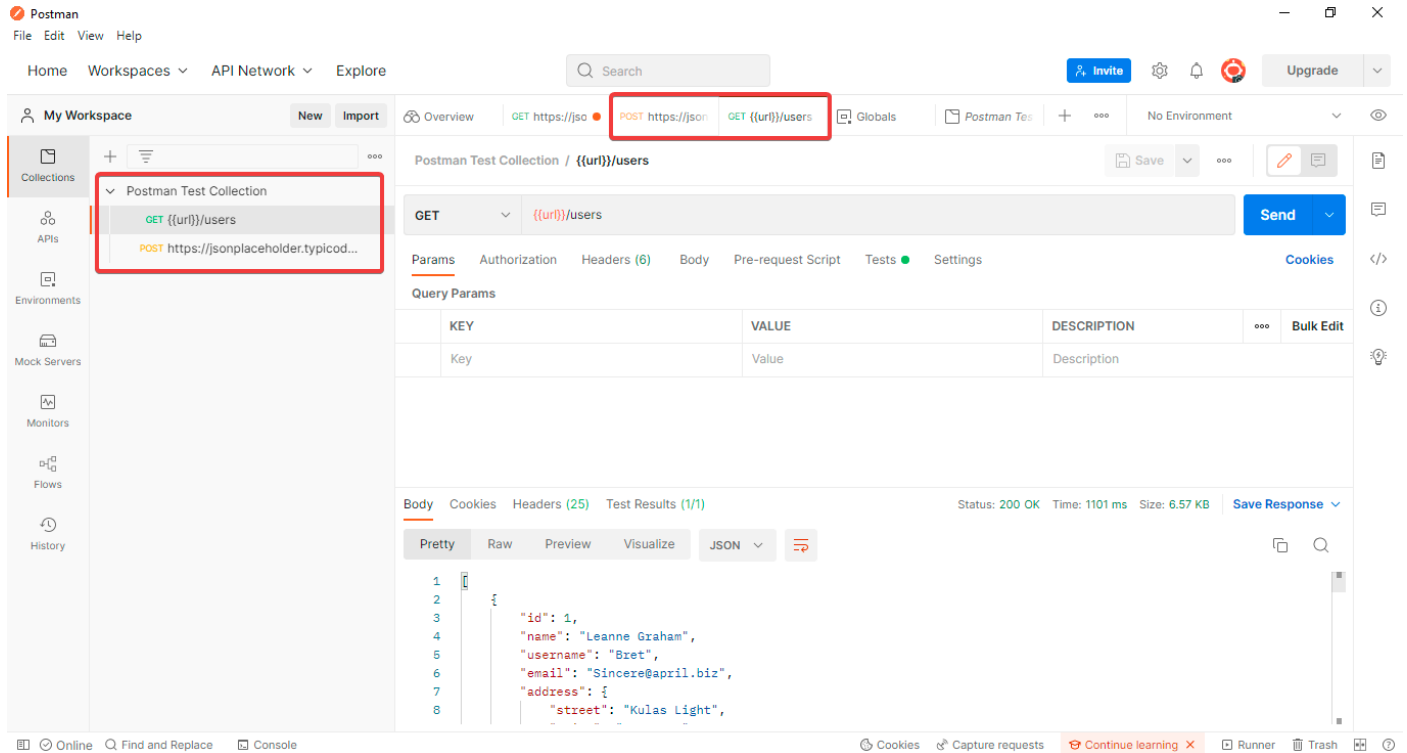
## How to Create Postman Tests

1. Go to your GET user request
2. Switch to the tests tab. On the right side are snippet codes
3. From the snippets section, click on "Status code: Code is 200".
4. The pane is auto-populated
5. Now click Send. The test result should now be displayed.



## How to Create Collections

1. Click on the New button at the top left corner of the page
2. Select Collection. Create collection window should pop up
3. Input the desired collection name and description then click create. A collection should now be created.
4. Go back to the previous Get request. Click Save
5. Select Postman Test Collection
6. Click Save to Postman Test Collection
7. Repeat steps 4-5 for the previous Post request so that collection will now have two requests.



## How to Run Collections using Collection Runner

1. Click on the Runner button found at the top of the page next to the Import button
2. Collection Runner page should appear such as below. Following is the description of various fields
3. Run your Postman Test Collection by setting up the following:
4. Click on Run Postman Test button

The screenshot displays the Postman Collection Runner interface. The left sidebar shows the 'My Workspace' with a 'Postman Test Collection' expanded, listing two items: 'GET {{url}}/users' and 'POST https://jsonplaceholder.typicode.com/users'. The main panel shows the 'Postman Test Collection' with 'No Environment, Today, 11:34 am'. Below this, there are tabs for 'All Tests', 'Passed (2)', 'Failed (0)', and 'Skipped (0)'. The 'All Tests' tab is active, showing two iterations of the test collection. Each iteration contains a 'GET {{url}}/users' request and a 'POST https://jsonplaceholder.typicode.com/users' request. The 'GET' requests are marked as 'Pass' with a status code of 200. The 'POST' requests are marked as '201 Created' with a status code of 201. The interface also includes a 'Run Again' button, a 'New Run' button, and an 'Export Results' button. The bottom status bar shows 'Online', 'Find and Replace', 'Console', 'Cookies', 'Capture requests', 'Continue learning', 'Runner', 'Trash', and a help icon.

Iteration	Request	Status	Code	Time	Size
Iteration 1	GET {{url}}/users	Pass	200 OK	52 ms	6.729 KB
	POST https://jsonplaceholder.typicode.com/users	201 Created	201 Created	275 ms	1.759 KB
Iteration 2	GET {{url}}/users	Pass	200 OK	63 ms	6.739 KB
	POST https://jsonplaceholder.typicode.com/users	201 Created	201 Created	272 ms	1.751 KB