

Verinite Technologies Pvt Ltd

POSTMAN

GET, PUT, POST, UPDATE, DELETE requests:

GET gets data

PUT updates data

POST sends new data to a server.

UPDATE Updates existing data on the server.

DELETE Removes existing data from the server.

Headers (Authorization, Content-Type, Cookies): Headers carry extra details with requests. Authorization checks who you are, Content-Type tells the server what data format you're sending, and Cookies store session info.

Authorization: Bearer your_access_token_here

Content-Type: application/json

Cookie: session_id=abc123; user_id=123456

Response formatting: Servers send back data in a structured way like lists or tables, often in formats like JSON or XML.

Collection runner: A tool that automatically runs lots of requests to test APIs one after another.

Environment variables and replacements: Variables store info you can use in different requests, letting you change details easily.

Organizing APIs: Making APIs clear and organized means setting them up neatly so they're easy to use and understand.

Home Workspaces API Network

Search Postman

My Workspace

Booking API / Positive Endpoints / Get Booking Ids

GET https://restful-booker.herokuapp.com/booking

Params Authorization Headers (6) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Status: 200 OK Time: 968 ms Size: 391 KB Save as example

```
1 {
2   {
3     "bookingid": 879
4   },
5   {
6     "bookingid": 739
7   },
8   {
9     "bookingid": 2465
10  },
11  {
12    "bookingid": 1428
```

Booking API / Positive Endpoints / Get Booking Details

GET https://restful-booker.herokuapp.com/booking/574

Params Authorization Headers (7) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Status: 200 OK Time: 233 ms Size: 918 B Save as example

```
1 {
2   {
3     "firstname": "Deepthi",
4     "lastname": "Wani",
5     "totalprice": 111,
6     "depositpaid": true,
7     "bookingdates": {
8       "checkin": "2018-01-01",
9       "checkout": "2019-01-01"
10    },
11    "additionalneeds": "super bowls"
```

Home Workspaces API Network Search Postman

My Workspace New Import Overview New Folds New Folds Positive E GET Get Book GET Get Book POST Create E POST Token G PUT Update B No environment

Collections + Booking API Negative Scenarios This folder is empty Add a request to start working. Positive Endpoints GET Get Booking Ids GET Get Booking Details POST Create Booking POST Token Generator PUT Update Booking

Booking API / Positive Endpoints / Create Booking

POST https://restful-booker.herokuapp.com/booking Send

Params Authorization Headers (8) Body Scripts Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   ... "firstname": "Deepti",
3   ... "lastname": "Wani",
4   ... "totalprice": 111,
5   ... "depositpaid": true,
6   ... "bookingdates": {
7     ... "checkin": "2018-01-01",
8     ... "checkout": "2019-01-01"
9   },
10  ... "additionalneeds": "super bowls"
11 }
```

Body Cookies Headers (11) Test Results Status: 200 OK Time: 212 ms Size: 946 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "bookingid": 574,
3   "booking": {
4     "firstname": "Deepti",
5     "lastname": "Wani",
6     "totalprice": 111,
7     "depositpaid": true,
8     "bookingdates": {
9       "checkin": "2018-01-01",
10      "checkout": "2019-01-01"
11    },
12    "additionalneeds": "super bowls"
13  }
14 }
```

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash 26°C Cloudy Search ENG IN 11:56 03-07-2024

Home Workspaces API Network Search Postman

My Workspace New Import Overview New Folds New Folds Positive E GET Get Book GET Get Book POST Create E POST Token G PUT Update B No environment

Collections + Booking API Negative Scenarios This folder is empty Add a request to start working. Positive Endpoints GET Get Booking Ids GET Get Booking Details POST Create Booking POST Token Generator PUT Update Booking

Booking API / Positive Endpoints / Token Generator

POST https://restful-booker.herokuapp.com/auth Send

Params Authorization Headers (8) Body Scripts Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   ... "username": "admin",
3   ... "password": "password123"
4 }
```

Body Cookies Headers (11) Test Results Status: 200 OK Time: 215 ms Size: 780 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "token": "6776d7458904264"
3 }
```

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash 26°C Cloudy Search ENG IN 11:57 03-07-2024

Home Workspaces API Network Search Postman

My Workspace New Import Overview New Folds New Folds Positive E GET Get Book GET Get Book POST Create E POST Token G PUT Update B No environment

Booking API / Positive Endpoints / Update Booking Save Share

PUT https://restful-booker.herokuapp.com/booking/574 Send

Params Authorization Headers (10) Body Scripts Tests Settings Cookies

Headers 8 hidden

Key	Value	Description	Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Type	application/json			
<input checked="" type="checkbox"/> Cookie	token=e776d7458904284			
Key	Value	Description		

Body Cookies Headers (11) Test Results Status: 200 OK Time: 213 ms Size: 924 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "firstname": "Kylie",
3   "lastname": "Mac",
4   "totalprice": 111,
5   "depositpaid": true,
6   "bookingdates": {
7     "checkin": "2018-01-01",
8     "checkout": "2019-01-01"
9   },
10  "additionalneeds": "super bowls"
11 }
```

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash

28°C Cloudy Search

Home Workspaces API Network Search Postman

My Workspace New Import Overview New Folds New Folds Positive E GET Get Book GET Get Book POST Create E POST Token G PUT Update B No environment

Booking API / Positive Endpoints / Update Booking Save Share

PUT https://restful-booker.herokuapp.com/booking/574 Send

Params Authorization Headers (10) Body Scripts Tests Settings Cookies

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

```
1 {
2   "firstname": "Kylie",
3   "lastname": "Mac",
4   "totalprice": 111,
5   "depositpaid": true,
6   "bookingdates": {
7     "checkin": "2018-01-01",
8     "checkout": "2019-01-01"
9   },
10  "additionalneeds": "super bowls"
11 }
```

Body Cookies Headers (11) Test Results Status: 200 OK Time: 213 ms Size: 924 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "firstname": "Kylie",
3   "lastname": "Mac",
4   "totalprice": 111,
5   "depositpaid": true,
6   "bookingdates": {
7     "checkin": "2018-01-01",
8     "checkout": "2019-01-01"
9   },
10  "additionalneeds": "super bowls"
11 }
```

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash

28°C Cloudy Search

Home Workspaces API Network Search Postman

My Workspace New Import Overview New Folds New Folds GET Get Book GET Get Book POST Create E POST Token G PUT Update E DEL Delete B No environment

Collections + -

- Booking API
 - Negative Scenarios
 - This folder is empty
 - Add a request to start working.
 - Positive Endpoints
 - GET Get Booking Ids
 - GET Get Booking Details
 - POST Create Booking
 - POST Token Generator
 - PUT Update Booking
 - DEL Delete Booking

Booking API / Positive Endpoints / Delete Booking Save Share

DELETE https://restful-booker.herokuapp.com/booking/313 Send

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Headers 6 hidden

Key	Value	Description	Bulk Edit	Presets
<input checked="" type="checkbox"/> Content-Type	application/json			
<input checked="" type="checkbox"/> Cookie	token=ee0e948353fd707			
Key	Value	Description		

Body Cookies Headers (11) Test Results Status: 201 Created Time: 218 ms Size: 753 B Save as example

Pretty Raw Preview Visualize Text

1 Created

Online Find and replace Console Postbot Runner Start Proxy Cookies Vault Trash

Baner Road Closed road Search 12:20 03-07-2024

Collection Runner

The screenshot displays the Postman Collection Runner interface, showing two different test runs for a 'Booking API' collection. The interface includes a sidebar with 'My Workspace' and a list of collections, a main panel for the 'Booking API' collection, and a bottom status bar.

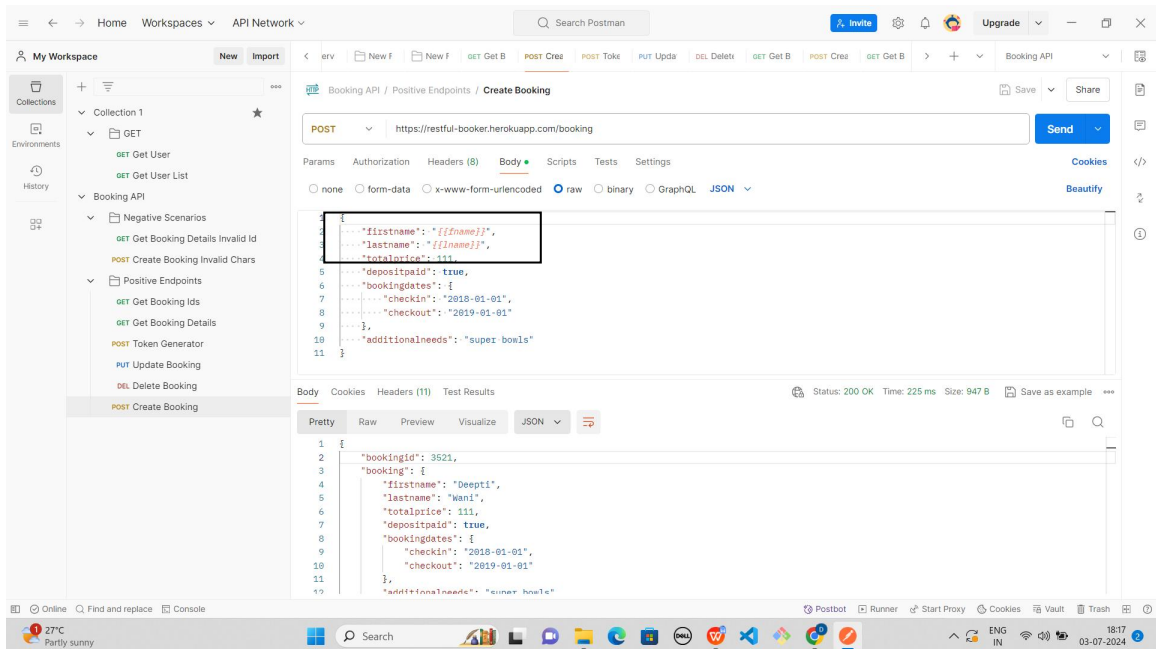
Top Screenshot (Run 1):

- Collection:** Booking API
- Run results:** Ran today at 16:24:53. View all runs
- Summary:** Source: Runner, Environment: Booking API, Iterations: 1, Duration: 3s 384ms, All tests: 0, Avg. Resp. Time: 318 ms
- Test Results:** All Tests Passed (0) Failed (0) Skipped (0). View Summary
- Iteration 1:**
 - GET Get Booking Details Invalid Id:** https://restful-booker.herokuapp.com/booking. 200 OK. 971 ms. 21.67 KB. No tests found.
 - POST Create Booking Invalid Chars:** https://restful-booker.herokuapp.com/booking. 200 OK. 235 ms. 959 B. No tests found.
 - GET Get Booking Ids:** https://restful-booker.herokuapp.com/booking. 200 OK. 229 ms. 21788 KB. No tests found.
 - GET Get Booking Details:** https://restful-booker.herokuapp.com/booking/3521. 404 Not Found. 222 ms. 765 B. No tests found.
 - POST Token Generator:** https://restful-booker.herokuapp.com/auth. 200 OK. 222 ms. 772 B. No tests found.

Bottom Screenshot (Run 2):

- Collection:** Booking API
- Run results:** Ran today at 16:24:53. View all runs
- Summary:** Source: Runner, Environment: Booking API, Iterations: 1, Duration: 3s 384ms, All tests: 0, Avg. Resp. Time: 318 ms
- Test Results:** All Tests Passed (0) Failed (0) Skipped (0). View Summary
- Iteration 1:**
 - GET Get Booking Details Invalid Id:** https://restful-booker.herokuapp.com/booking/3521. 404 Not Found. 222 ms. 765 B. No tests found.
 - POST Token Generator:** https://restful-booker.herokuapp.com/auth. 200 OK. 222 ms. 772 B. No tests found.
 - PUT Update Booking:** https://restful-booker.herokuapp.com/booking/313. 403 Forbidden. 221 ms. 753 B. No tests found.
 - DELETE Delete Booking:** https://restful-booker.herokuapp.com/booking/313. 403 Forbidden. 223 ms. 753 B. No tests found.
 - POST Create Booking:** https://restful-booker.herokuapp.com/booking. 200 OK. 220 ms. 947 B. No tests found.

Environment Variables



Variables

The screenshot shows the Postman interface with the 'Variables' tab selected for 'Collection 1'. The left sidebar shows a collection named 'Collection 1' with two requests: 'GET Get User' and 'GET Get User List'. The main panel displays the 'Variables' tab, which includes a search bar and a table of variables. The table has three columns: 'Variable', 'Initial value', and 'Current value'. A variable named 'url' is listed with an initial value of 'https://reqres.in' and a current value of 'https://reqres.in'. Below the table is a button to 'Add new variable'. A notification at the bottom states: 'Use variables to reuse values and protect sensitive data. Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about variable type. Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about variable values.'

Variable	Initial value	Current value
<input checked="" type="checkbox"/> url	https://reqres.in	https://reqres.in
Add new variable		

The screenshot shows the Postman interface with the 'Body' tab selected for a GET request. The left sidebar shows the same collection. The main panel displays the 'Body' tab, which includes a search bar and a table of variables. The table has three columns: 'Variable', 'Initial value', and 'Current value'. A variable named 'url' is listed with an initial value of 'https://reqres.in' and a current value of 'https://reqres.in'. Below the table is a button to 'Add new variable'. A notification at the bottom states: 'Use variables to reuse values and protect sensitive data. Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about variable type. Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about variable values.'

GET [Collection 1 / GET / Get User](#)

Params Authorization Headers (6) Body Scripts Tests Settings

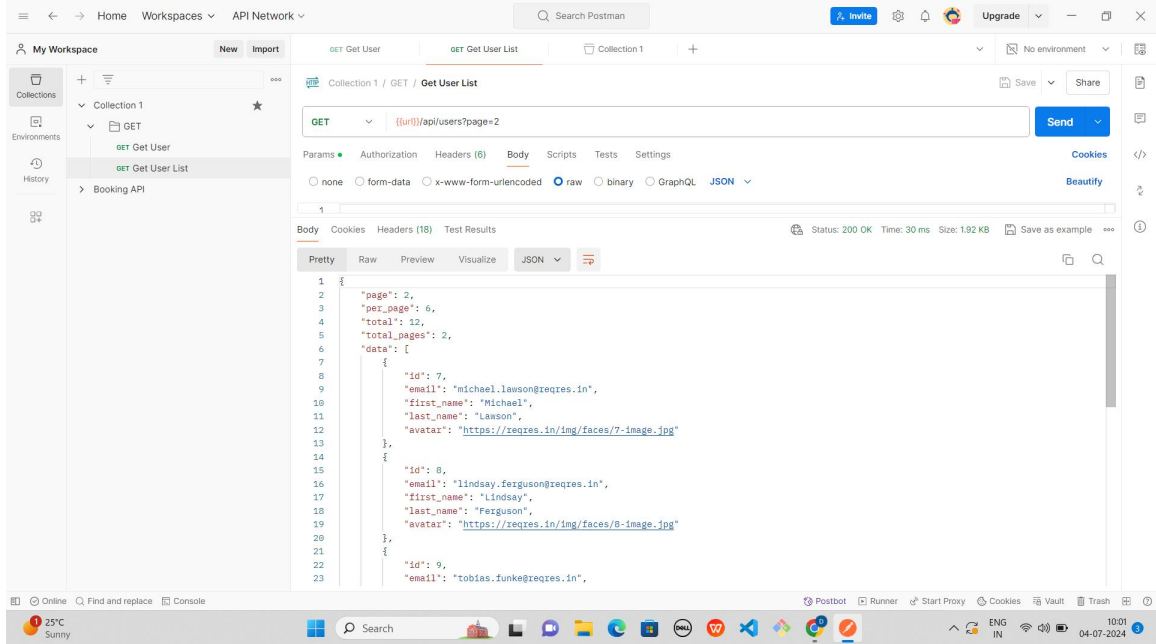
☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (18) Test Results Status: 200 OK Time: 26 ms Size: 118 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "data": {
3     "id": 2,
4     "email": "janet.weaver@reqres.in",
5     "first_name": "Janet",
6     "last_name": "Weaver",
7     "avatar": "https://reqres.in/img/faces/2-image.jpg"
8   },
9   "support": {
10    "url": "https://reqres.in/#support-heading",
11    "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
12  }
13 }
```

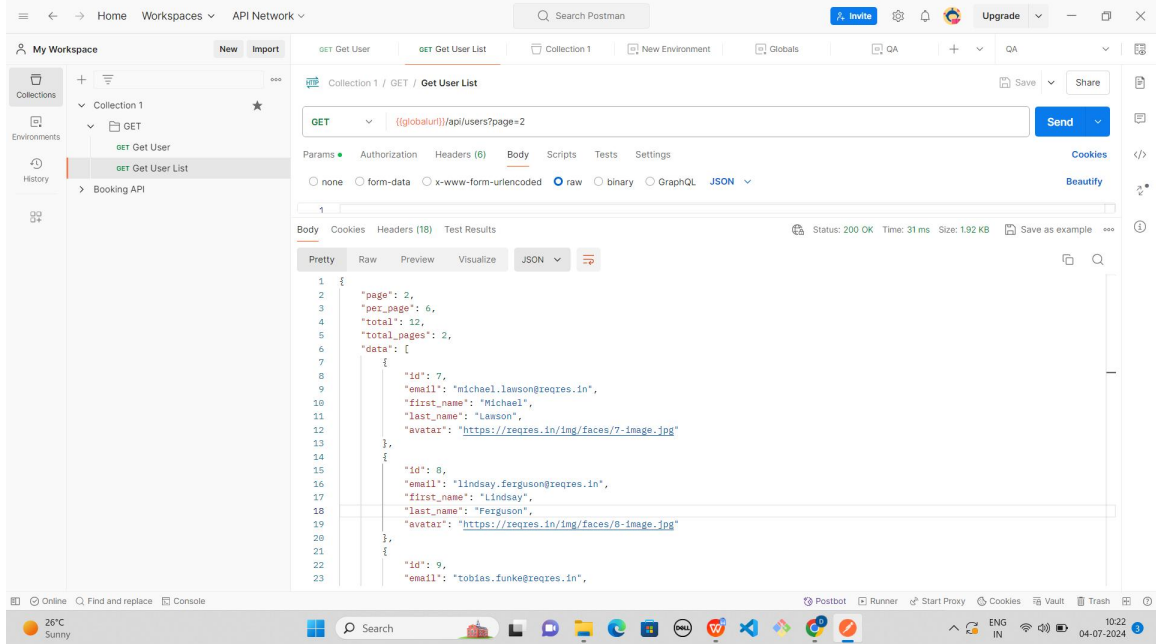
Global Variable in Environment

The screenshot shows the Postman interface with the 'Globals' tab selected. The left sidebar shows a workspace with a collection 'Collection 1' containing two GET requests: 'Get User' and 'Get User List'. The main panel displays the 'Globals' tab, which includes a search bar for variables and a table of global variables.

Variable	Type	Initial value	Current value
<input checked="" type="checkbox"/> globalurl	default	https://reqres.in	https://reqres.in
Add new variable			

The screenshot shows the Postman interface with the 'Collection 1 / GET / Get User' request selected. The request URL is `((globalurl))/api/users/2`. The response is displayed in the 'Body' tab, showing a JSON object with user details.

```
1 {
2   "data": {
3     "id": 2,
4     "email": "janet.weaver@reqres.in",
5     "first_name": "Janet",
6     "last_name": "Weaver",
7     "avatar": "https://reqres.in/img/faces/2-image.jpg"
8   },
9   "support": {
10    "url": "https://reqres.in/#support-heading",
11    "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
12  }
13 }
```



Environment

The screenshot displays the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. The left sidebar shows 'My Workspace' with a tree view containing 'Collection 1' and 'GET' methods. The main panel is divided into two sections. The top section, titled 'QA', shows a table of environment variables. The bottom section shows a REST client request for 'GET /api/users/2' with a body containing user data.

Variable	Type	Initial value	Current value
<input checked="" type="checkbox"/> uri01	default	https://reqres.in	https://reqres.in
Add new variable			

Use variables to reuse values and protect sensitive data
Store sensitive data in variable type secret to keep its values masked on the screen. Learn more about [variable type](#).
Work with the current value of a variable to prevent sharing sensitive values with your team. Learn more about [variable values](#).

Collection 1 / GET / Get User

GET Send

Params Authorization Headers (6) Body Scripts Tests Settings

Query Params

Key	Value	Description
-----	-------	-------------

Body Cookies Headers (18) Test Results

Status: 200 OK Time: 31 ms Size: 1.18 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "data": {
3     "id": 2,
4     "email": "janet.weaver@reqres.in",
5     "first_name": "Janet",
6     "last_name": "Weaver",
7     "avatar": "https://reqres.in/img/faces/2-image.jpg"
8   },
9   "support": {
10    "url": "https://reqres.in/#support-heading",
11    "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
12  }
13 }
```

Home Workspaces API Network Search Postman

My Workspace New Import

Collection 1 GET / Get User List

GET (url) /api/users?page=2

Params Authorization Headers (6) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Body Cookies Headers (18) Test Results Status: 200 OK Time: 79 ms Size: 1.91 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "page": 2,
3   "per_page": 6,
4   "total": 12,
5   "total_pages": 2,
6   "data": [
7     {
8       "id": 7,
9       "email": "michael.lawson@reqres.in",
10      "first_name": "Michael",
11      "last_name": "Lawson",
12      "avatar": "https://reqres.in/img/faces/7-image.jpg"
13    },
14    {
15      "id": 8,
16      "email": "lindsay.ferguson@reqres.in",
17      "first_name": "Lindsay",
18      "last_name": "Ferguson",
19      "avatar": "https://reqres.in/img/faces/8-image.jpg"
20    },
21    {
22      "id": 9,
23      "email": "tobias.funke@reqres.in",
```

26°C Sunny Search ENG IN 10:30 04-07-2024