Visit Website:
https://restful-booker.herokuapp.com/apidoc/index.html#api-Booking-DeleteBooking

Get All id Values:

Get value by id:

Save   Share

01_API Testing with CRUD Operations
- 01_Positive_scenarios
  - GET getBookingIds
  - GET getBookingById
- 02_Negative_scenarios
  - This folder is empty.
  - Add a request to start working.

GET   https://restful-booker.herokuapp.com/booking/1679   Send

Params   Authorization   Headers (7)   Body   Scripts   Settings   Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body   Cookies   Headers (10)   Test Results   200 OK · 315 ms · 915 B · Save Response

JSON   Preview   Visualize

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

https://www.google.com:1234/path/to/resource?a=b&x=y

protocol   Host   Port number   Resource path   Query parameter

https://restful-booker.herokuapp.com/booking/1679

id
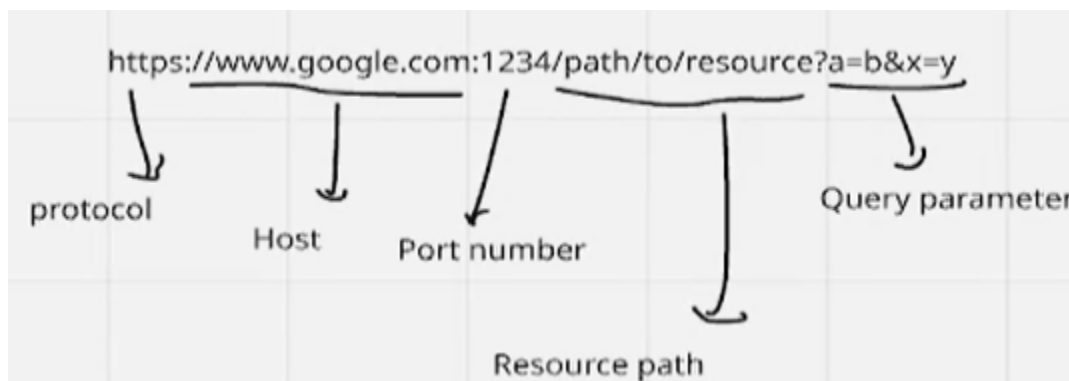
...ation   Headers (7)   Body   Scripts   Setting...   Value...

Creating Booking by Post Request

CreateToken

Booking

GetBookingIds
GetBooking
CreateBooking
UpdateBooking
PartialUpdateBooking
DeleteBooking

Ping

HealthCheck

POST

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

JSON example usage: XML example usage: URLencoded

```
curl -X POST \
  https://restful-booker.herokuapp.com/booking \
  -H 'Content-Type: application/json' \
  -d '{
    "firstname" : "Jim",
    "lastname" : "Brown",
    "totalprice" : 111,
    "depositpaid" : true,
    "bookingdates" : {
        "checkin" : "2018-01-01",
        "checkout" : "2019-01-01"
    },
    "additionalneeds" : "Breakfast"
}'
```

01_API Testing with CRUD Operations
  01_Positive_scenarios
    GET getBookingIds
    GET getBookingById
    GET createBooking
  02_Negative_scenarios
    This folder is empty.
    Add a request to start working.

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

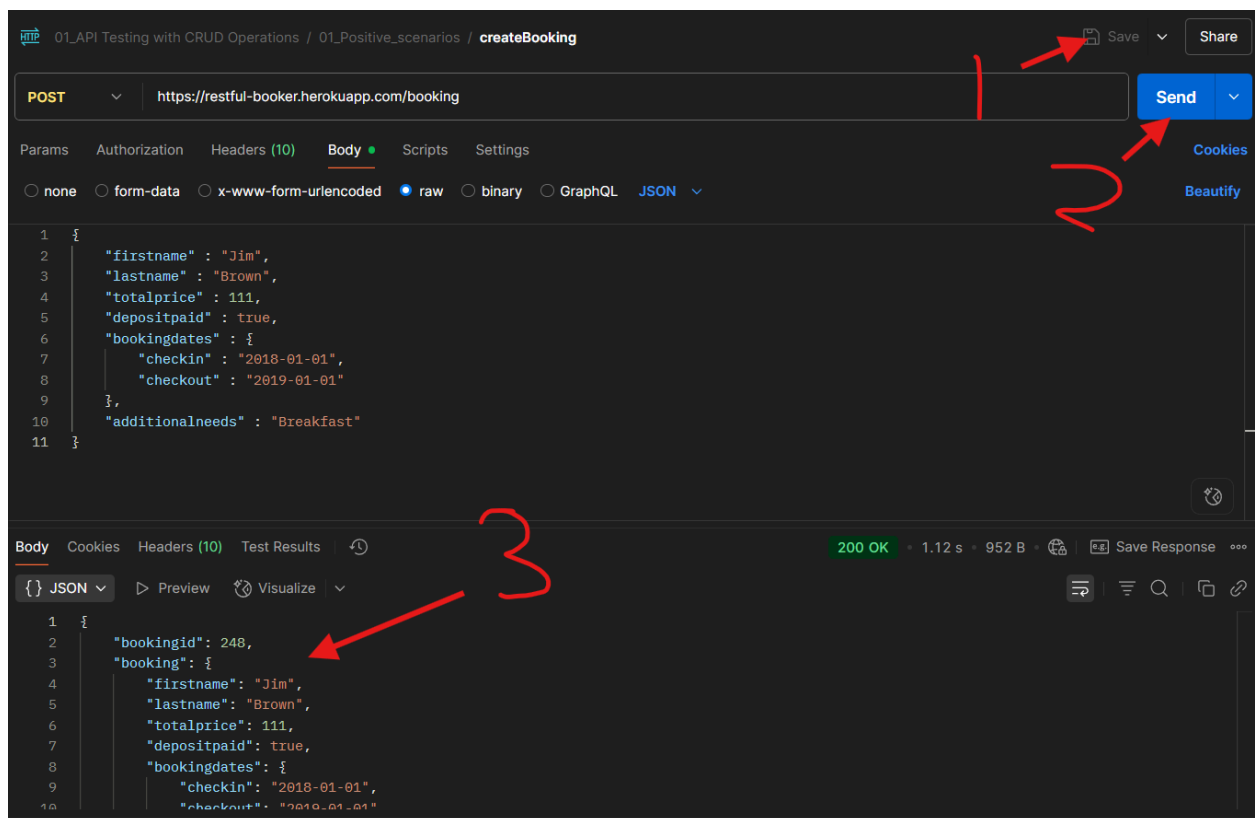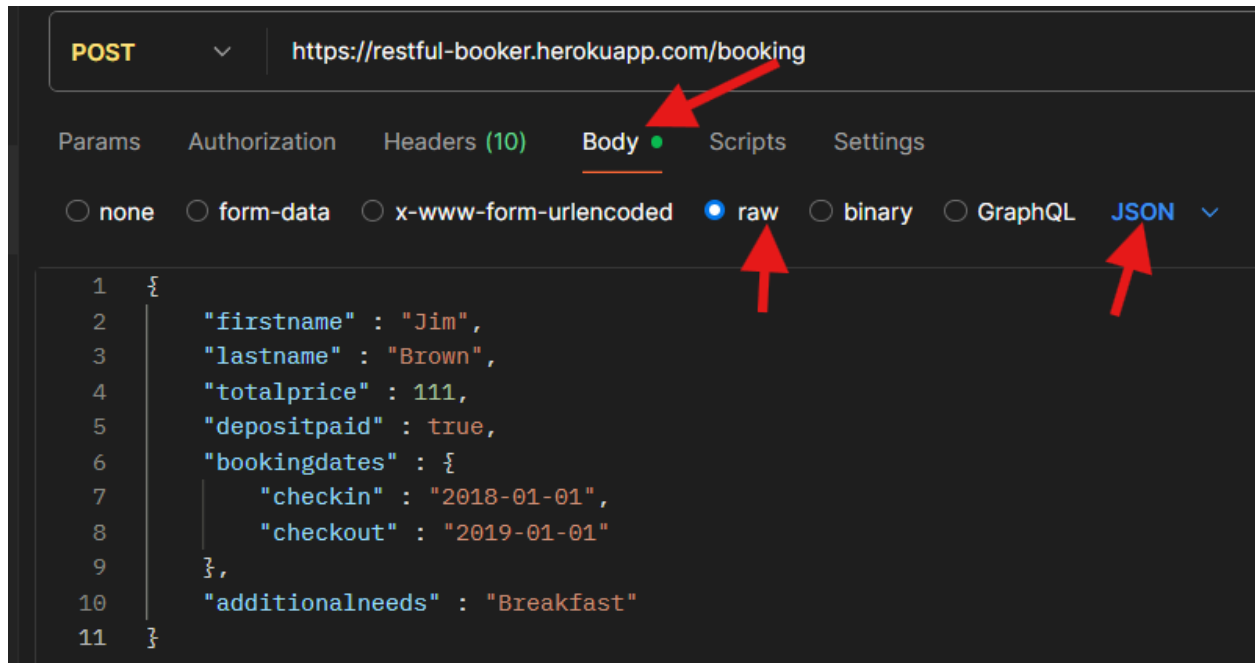Params   Authorization   Headers (9)   Body   Scripts   Settings   Cookies
Headers   8 hidden

Key	Value	Description	Bulk Edit	Presets
☑ Content-Type	application/json			
Key	Value	Description		

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

Params   Authorization   Headers (10)   **Body** ●   Scripts   Settings

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

```json
1  {
2       "firstname" : "Jim",
3       "lastname" : "Brown",
4       "totalprice" : 111,
5       "depositpaid" : true,
6       "bookingdates" : {
7           "checkin" : "2018-01-01",
8           "checkout" : "2019-01-01"
9       },
10      "additionalneeds" : "Breakfast"
11 }
```

01_API Testing with CRUD Operations / 01_Positive_scenarios / **createBooking**   💾 Save ⌄   Share

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

Params   Authorization   Headers (10)   **Body** ●   Scripts   Settings   Cookies

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

```json
1  {
2      "firstname" : "Jim",
3      "lastname" : "Brown",
4      "totalprice" : 111,
5      "depositpaid" : true,
6      "bookingdates" : {
7          "checkin" : "2018-01-01",
8          "checkout" : "2019-01-01"
9      },
10     "additionalneeds" : "Breakfast"
11 }
```

Body   Cookies   Headers (10)   Test Results   🕘   **200 OK** • 1.12 s • 952 B   📖 Save Response ⋯

{} JSON ⌄   ▷ Preview   ⊘ Visualize

```json
1  {
2      "bookingid": 248,
3      "booking": {
4          "firstname": "Jim",
5          "lastname": "Brown",
6          "totalprice": 111,
7          "depositpaid": true,
8          "bookingdates": {
9              "checkin": "2018-01-01",
10             "checkout": "2019-01-01"
```

Updating Booking by PUT

PUT

```
https://restful-booker.herokuapp.com/booking/:id
```

JSON example usage: XML example usage: URLencoded example usage:

```
curl -X PUT \
  https://restful-booker.herokuapp.com/booking/1 \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -H 'Cookie: token=abc123' \
  -d '{
    "firstname" : "James",
    "lastname" : "Brown",
    "totalprice" : 111,
    "depositpaid" : true,
    "bookingdates" : {
        "checkin" : "2018-01-01",
        "checkout" : "2019-01-01"
    },
    "additionalneeds" : "Breakfast"
}'
```

Token Generator

CreateToken

Booking

GetBookingIds
GetBooking
CreateBooking
UpdateBooking
PartialUpdateBooking
DeleteBooking

Ping

HealthCheck

POST

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

Example 1:

```
curl -X POST \
  https://restful-booker.herokuapp.com/auth \
  -H 'Content-Type: application/json' \
  -d '{
    "username" : "admin",
    "password" : "password123"
}'
```

POST ⌄ | https://restful-booker.herokuapp.com/auth

Params | Authorization | Headers (9) | Body ● | Scripts | Settings

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ⌄
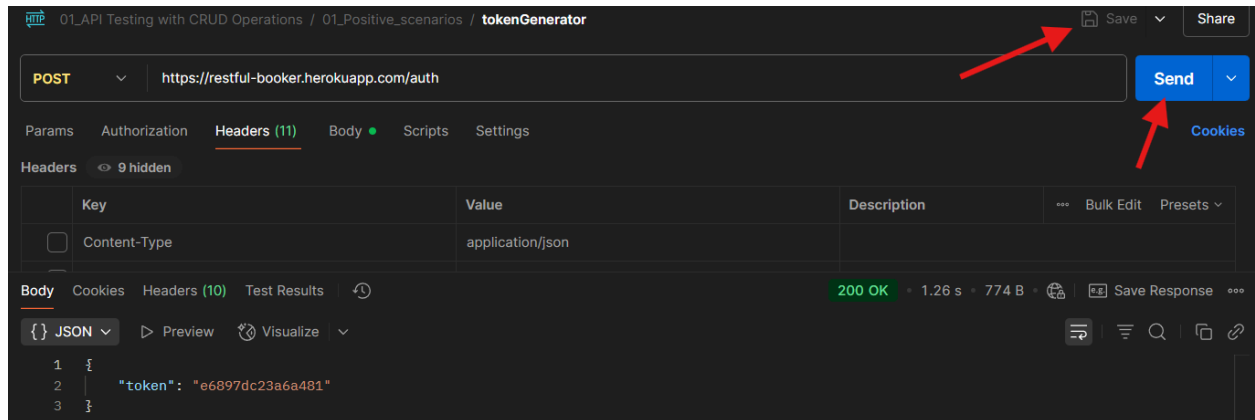
```
1  {
2      "username" : "admin",
3      "password" : "password123"
4  }
```
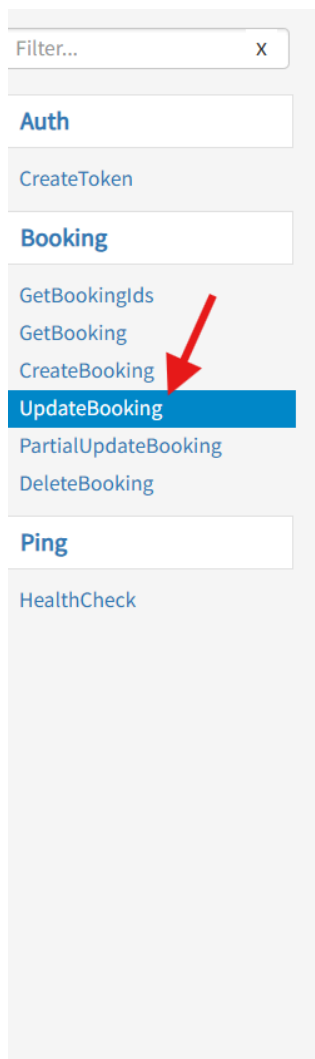
POST ⌄ | https://restful-booker.herokuapp.com/auth

Params | Authorization | **Headers (11)** | Body ● | Scripts | Settings

Headers 👁 9 hidden

	Key	Value
☐	Content-Type	application/json

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

Params Authorization **Headers (11)** Body • Scripts Settings Cookies

Headers ⊘ 9 hidden

	Key	Value	Description	Bulk Edit Presets ∨
☐	Content-Type	application/json		

Body Cookies Headers (10) Test Results ⟲   200 OK • 1.26 s • 774 B • ⊕ ⊕ Save Response ○○○

{ } JSON ∨   ▷ Preview   ⟨⟩ Visualize ∨

```
1  {
2      "token": "e6897dc23a6a481"
3  }
```

Updating Booking

Filter...   X

Auth

CreateToken

Booking

GetBookingIds
GetBooking
CreateBooking
UpdateBooking
PartialUpdateBooking
DeleteBooking

Ping

HealthCheck

Booking - UpdateBooking

Updates a current booking

PUT

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

JSON example usage: XML example usage: URLencoded example usage:

```
curl -X PUT \
  https://restful-booker.herokuapp.com/booking/1 \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -H 'Cookie: token=abc123' \
  -d '{
    "firstname" : "James",
    "lastname" : "Brown",
    "totalprice" : 111,
    "depositpaid" : true,
    "bookingdates" : {
        "checkin" : "2018-01-01",
        "checkout" : "2019-01-01"
    },
    "additionalneeds" : "Breakfast"
}'
```

01_API Testing with CRUD Operations / 01_Positive_scenarios / **updateBooking**

PUT   ⌄   https://restful-booker.herokuapp.com/booking/1

Params   Authorization   Headers (12)   Body ●   Scripts   Settings

Headers   👁 9 hidden

	Key	Value	Description
☑	Content-Type	application/json	
☑	Accept	application/json	
☑	Cookie	token=abc123	

01_API Testing with CRUD Operations / 01_Positive_scenarios / **updateBooking**

PUT   ⌄   https://restful-booker.herokuapp.com/booking/1

Params   Authorization   Headers (12)   Body ●   Scripts   Settings

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

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

Updating Booking

Delete Booking

HTTP 01_API Testing with CRUD Operations / 01_Positive_scenarios / **tokenGenerator**   💾 Save ⌄   Share

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

Params Authorization **Headers (11)** Body ● Scripts Settings   Cookies
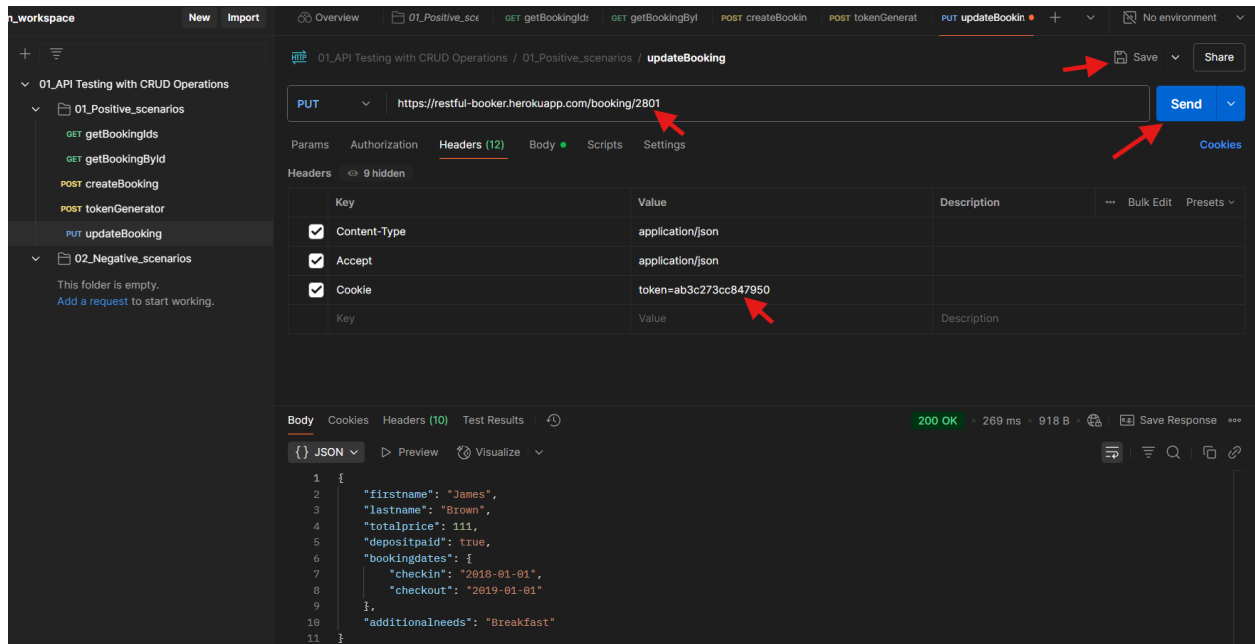
Headers 👁 9 hidden

	Key	Value	Description	⋯ Bulk Edit Presets ⌄
☐	Content-Type	application/json		

Body Cookies Headers (10) Test Results 🕐   200 OK · 316 ms · 770 B 💾 Save Response ⋯

{} JSON ⌄   ▷ Preview   Visualize ⌄

```
1  {
2      "token": "51762d6b95017b5"
3  }
```

HTTP 01_API Testing with CRUD Operations / 01_Positive_scenarios / **updateBooking**   💾 Save ⌄   Share

| PUT ⌄ | https://restful-booker.herokuapp.com/booking/131 | Send ⌄ |

Params Authorization **Headers (12)** Body ● Scripts Settings   Cookies

Headers 👁 9 hidden

	Key	Value	Description	⋯ Bulk Edit Presets ⌄
☑	Content-Type	application/json		
☑	Accept	application/json		
☑	Cookie	token=51762d6b95017b5		
	Key	Value	Description	

Body Cookies Headers (10) Test Results 🕐   200 OK · 313 ms · 910 B 💾 Save Response ⋯

{} JSON ⌄   ▷ Preview   Visualize ⌄

```
1   {
2       "firstname": "James",
3       "lastname": "Brown",
4       "totalprice": 111,
5       "depositpaid": true,
6       "bookingdates": {
7           "checkin": "2018-01-01",
8           "checkout": "2019-01-01"
9       },
10      "additionalneeds": "Breakfast"
11  }
```
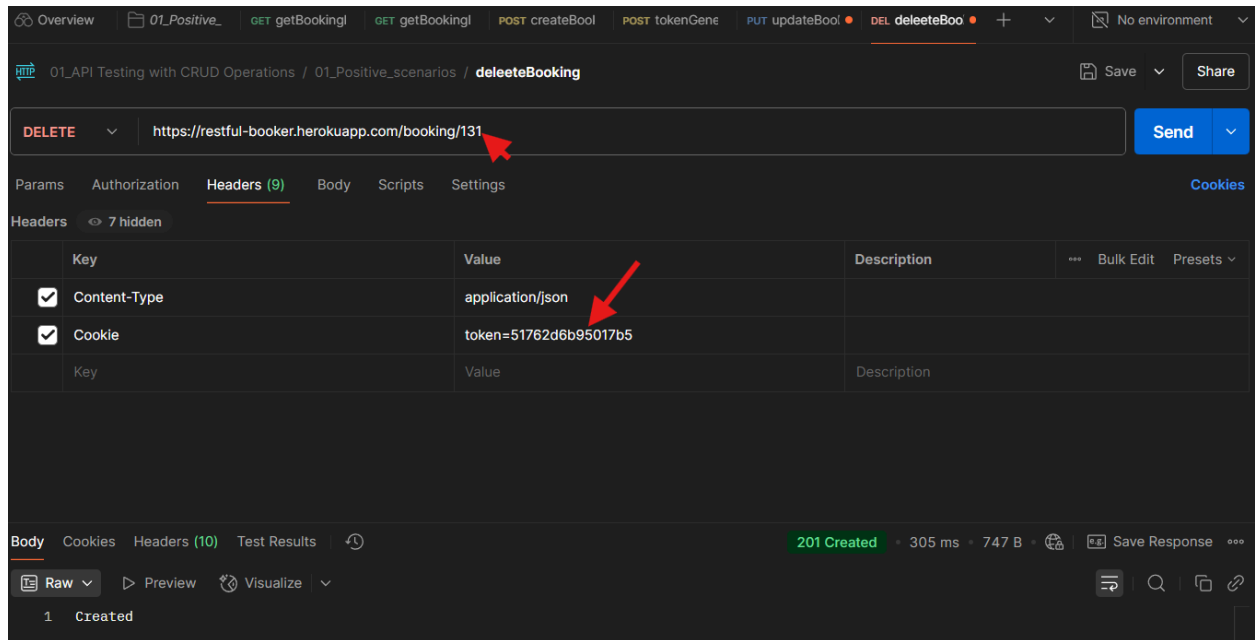
Get the Id of Created request and token of token generator and place it in new request like delete.

1. https://www.example.com/products/shoes?brand=nike&color=black

Which option correctly names the parts of the URL?

A)

- Protocol: `https`
- Host: `www.example.com`
- Path: `/products/shoes`
- Query: `brand=nike&color=black`

2. What is the main difference between PUT and POST requests?

A. PUT adds a new resource while POST updates it

B. POST is used to create, PUT is used to replace

C. PUT is for reading, POST is for writing

D. There is no difference

Answer: B. POST is used to create, PUT is used to replace

3. What does the query parameter in a URL typically follow?

A. Hash (#)

B. Forward slash (/)

C. Question mark (?)

D. Ampersand (&)

Answer: C. Question mark (?)

4. In the URL `https://example.com/products?id=10` , what is the query parameter?

A. `https`

B. `example.com`

C. `/products`

D. `id=10`

Answer: D. `id=10`

Negative scenarios -

1. Record not found
2. Request has invalid characters
3. Values has too many characters
4. Request sent with missing information
5. Value is not in correct format

1. What does the HTTP status code 400 indicate?

A) Request was successful

B) Unauthorized access

C) Bad request due to client-side error

D) Server is temporarily unavailable

Correct Answer: C

Explanation: A 400 Bad Request indicates that the server cannot process the request due to malformed syntax or invalid input from the client.

2. Which status code indicates that authentication is required and has failed or not been provided?

A) 200

B) 403

C) 401

D) 500

Correct Answer: C

Explanation: 401 Unauthorized means the client must authenticate itself to get the requested response.

3. You receive a 404 status code from an API request. What does it mean?

A) The request is unauthorized

B) The requested resource could not be found

C) Internal server error occurred

D) The request was successful but there's no content

Correct Answer: B

Explanation: 404 Not Found means the server can't find the requested resource, which is common in negative testing for invalid endpoints.

4. What status code indicates a successful POST request resulting in a new resource being created?

A) 200

B) 201

C) 202

D) 204

Correct Answer: B

Explanation: 201 Created is the standard response for successful POST requests where a new resource is created on the server.