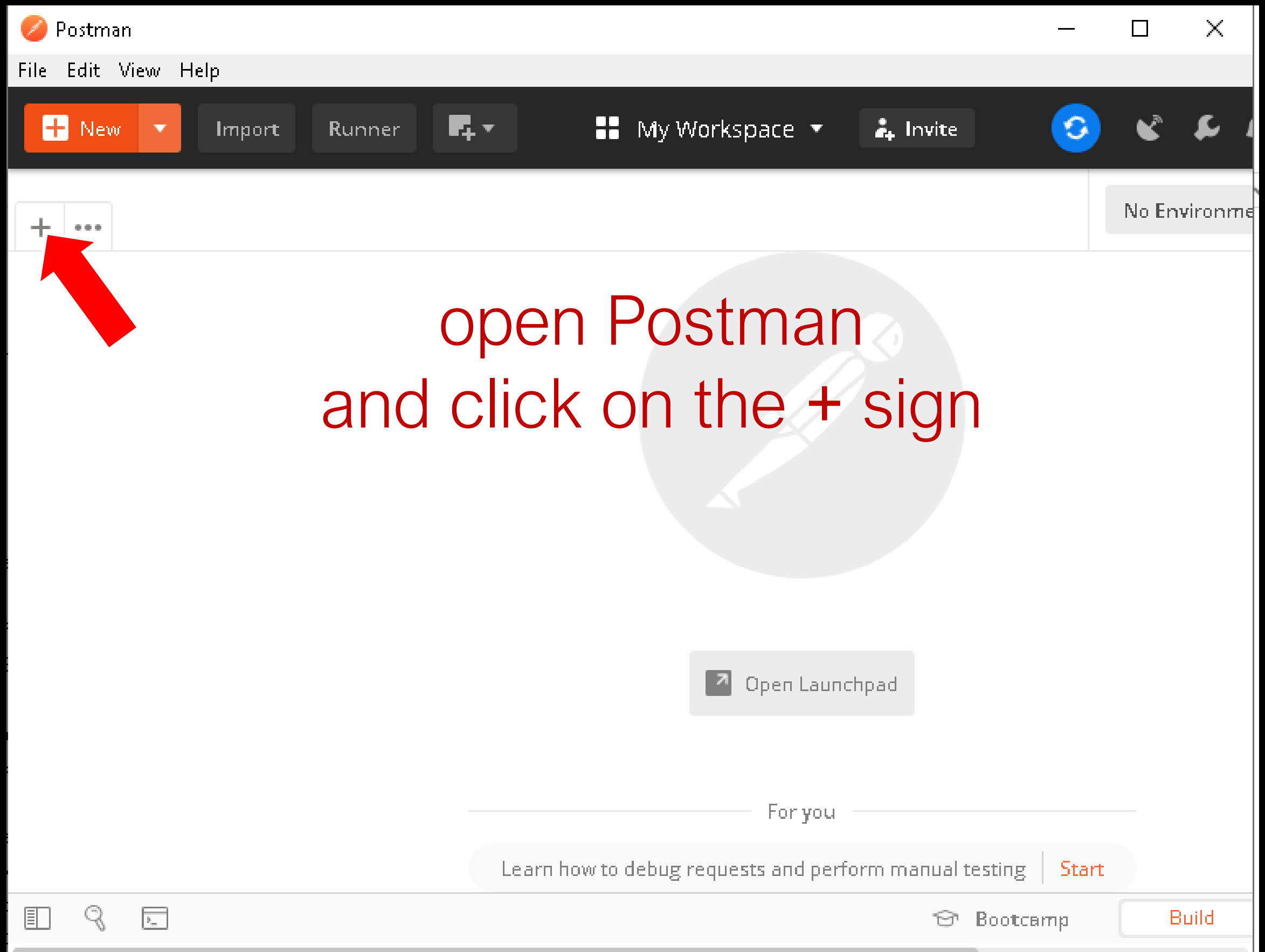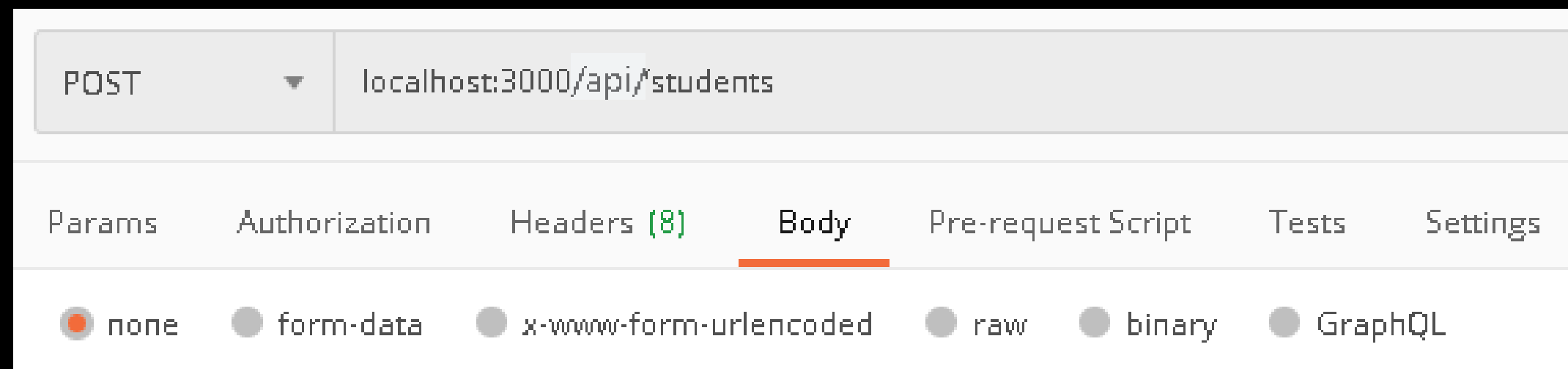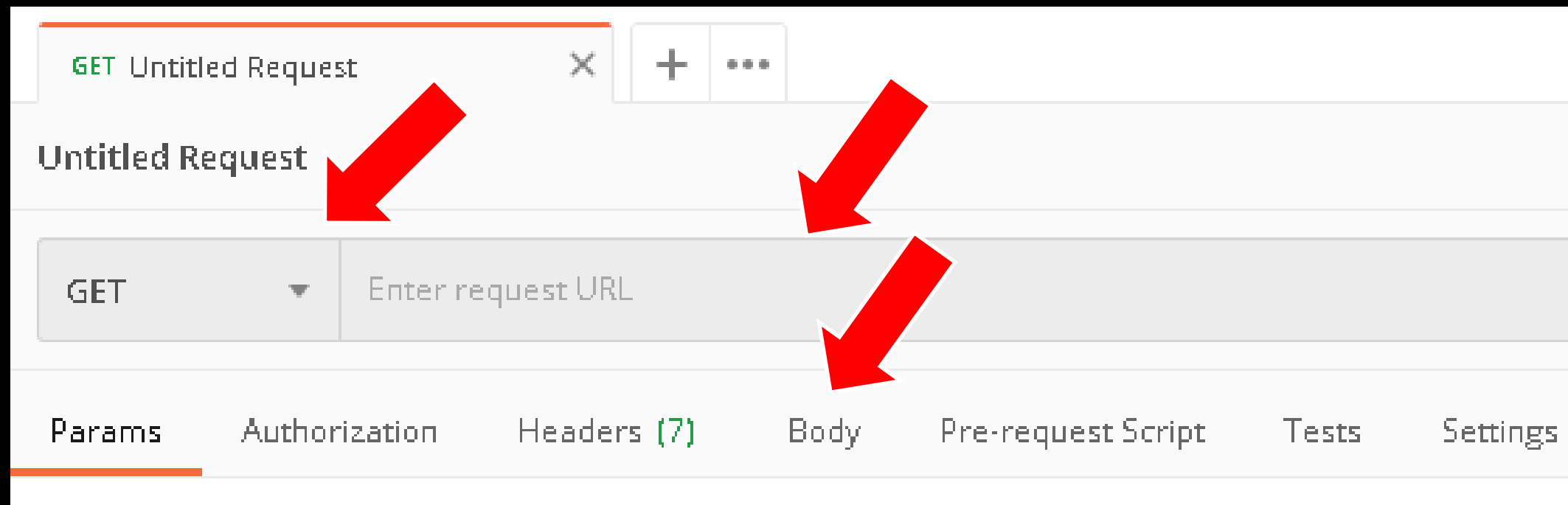# Postman

Testing post rules

- Post rules cannot be tested on the browser URL

  - Browser URL field will only do get requests

- Solutions to test post rules

  - Create a form and use the post method

  - Use a tool like Postman to test

    - **https://www.postman.com/** (download)

    - Tutorial (short tutorial in next slides)

open Postman
and click on the + sign

Change to post, fill the URL and click body

GET Untitled Request   ×   +   ⋯

Untitled Request

GET ▼	Enter request URL

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

POST ▼	localhost:3000/api/students

Params   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings

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

Choose raw data type

Change from text JSON and write the JSON data

raw ⬤ binary ⬤ GraphQL ⬤ JSON ▲

Text

JavaScript

JSON ⬅

HTML

XML

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

`{ "name":"Isabel", "number": 54 }`
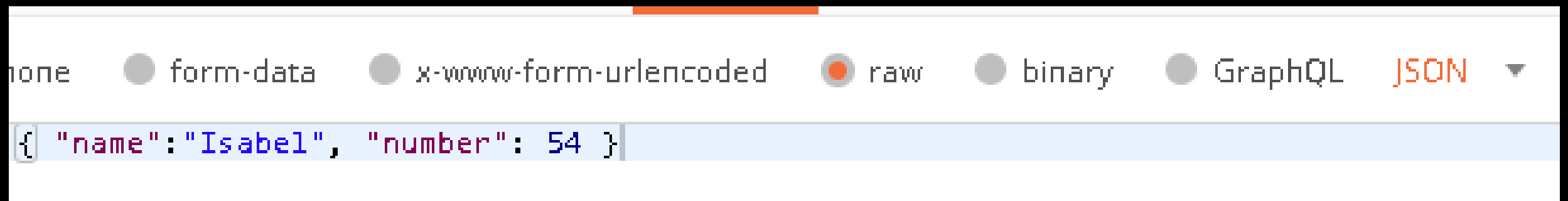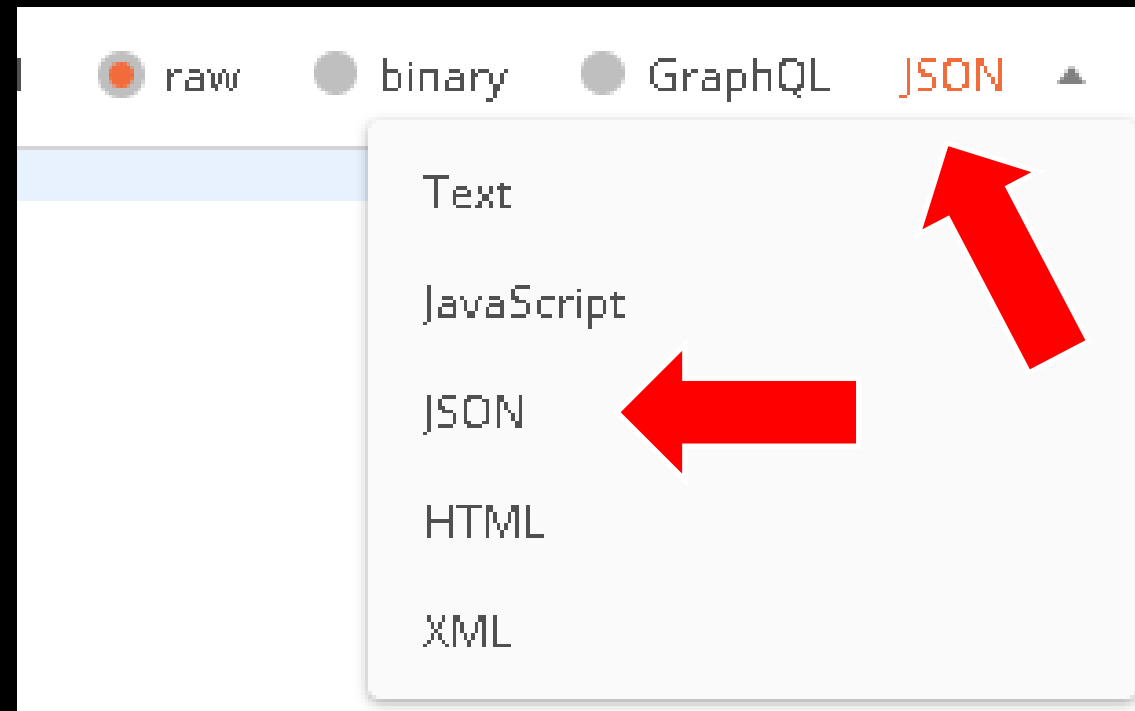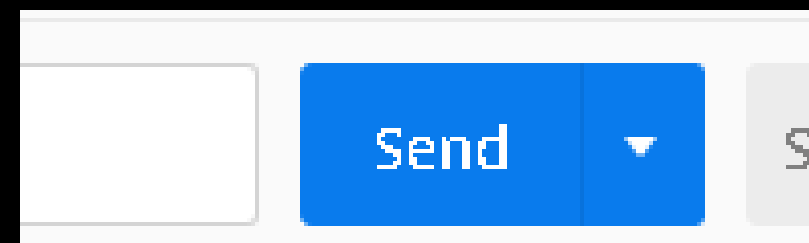
And send

Send ▼

You can scroll
down and see
the result

Body   Cookies   Headers [6]   Test Results

Pretty   Raw   Preview   Visualize   JSON

```
1  {
2      "inserted": 1
3  }
```
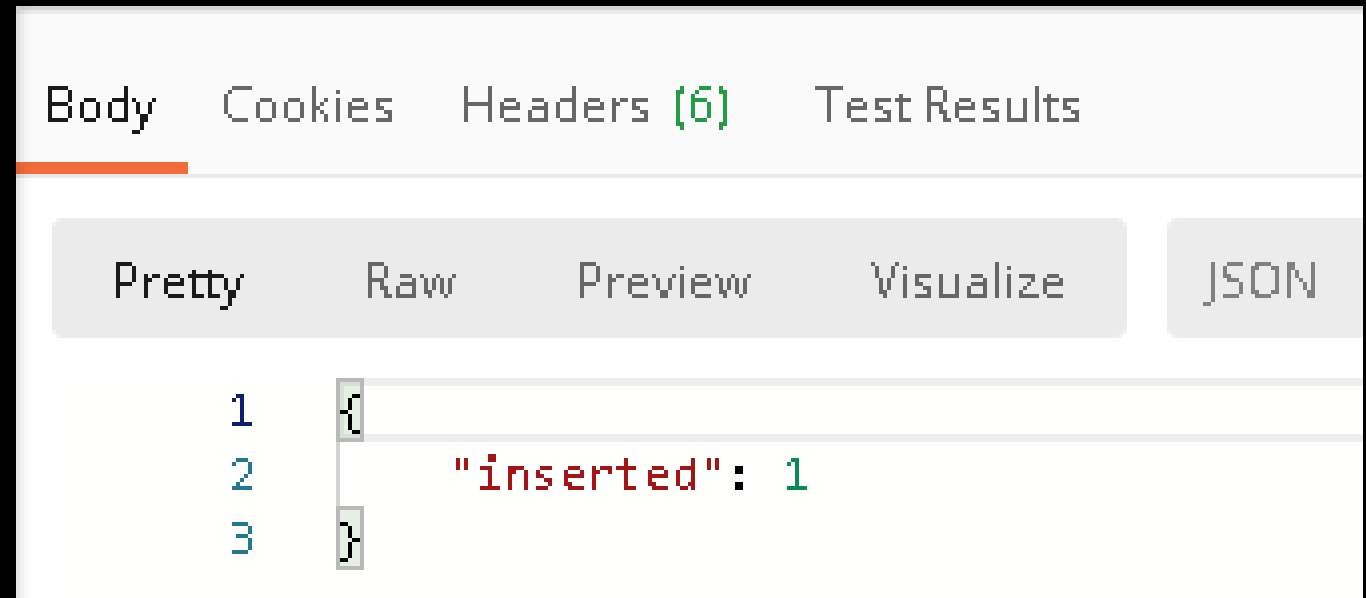
And if we run the get all again

localhost:3000/api/students/

DA TextCasing.wso   ★ Bookmarks   📙 Livre   📙 Work   📙 Pesquisa Work   📙 Imported   📙 ACM

[{"name":"John","number":10},{"name":"Mary","number":31},{"name":"Isabel","number":54}]
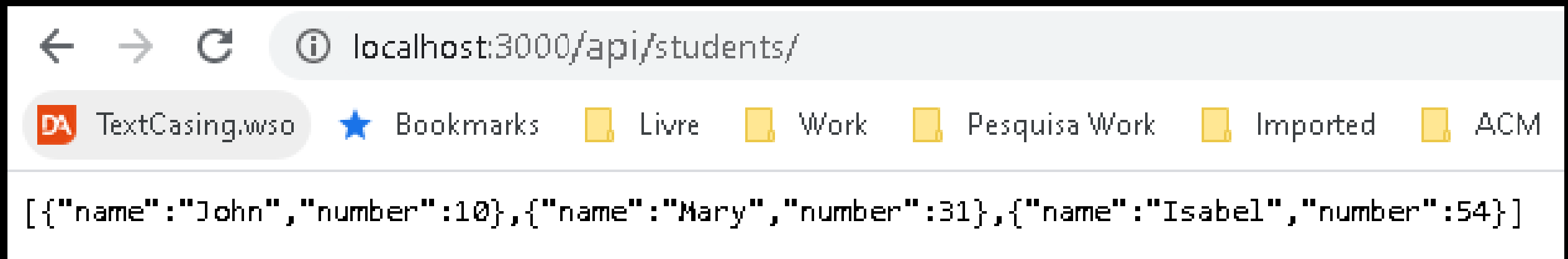
All new data will be lost when server
closes (we need a database)

Now lets try to send a list

none   form-data   x-www-form-urlencode

1
2   [
3   { "name":"Anna", "number": 4 } ,
4   { "name": "Rick", "number": 81 }
5   ]
6

Reply from request

Pretty   Raw   Preview   V

1   {
2   "inserted": 2
3   }

New data shows on get all students

localhost:3000/api/students/

DA TextCasing.wso   ⭐ Bookmarks   📒 Livre   📒 Work   »

[{"name":"John","number":10},{"name":"Mary","number":31},
{"name":"Isabel","number":54},{"name":"Anna","number":4},
{"name":"Rick","number":81}]