

OUTPUT SCREENSHOTS – FLASK HTTP METHODS

Overview | POST localhost:1000/course | No Environment

localhost:1000/courses

POST localhost:1000/courses

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

Enable SSL certificate verification: OFF

Automatically follow redirects: ON

Follow original HTTP Method: OFF

Status: 200 OK Time: 6 ms Size: 274 B Save Response

Body | Cookies | Headers (5) | Test Results

```
1 {
2   "Created": {
3     "course_id": "3",
4     "description": "Java is an object oriented programming language",
5     "name": "Java"
6   }
7 }
```

Overview | PUT localhost:1000/course | No Environment

localhost:1000/courses/3

PUT localhost:1000/courses/3

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

Enable SSL certificate verification: OFF

Automatically follow redirects: ON

Follow original HTTP Method: OFF

Status: 200 OK Time: 5 ms Size: 273 B Save Response

Body | Cookies | Headers (5) | Test Results

```
1 {
2   "course": {
3     "course_id": "3",
4     "description": "Java is an object-oriented programming language",
5     "name": "Java"
6   }
7 }
```

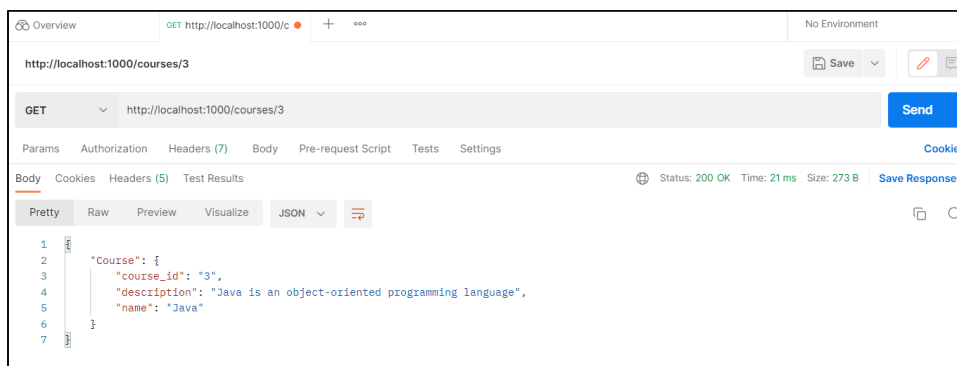
localhost:1000/courses/3

```
{ "Course": { "course_id": "3", "description": "Java is an object-oriented programming language", "name": "Java" } }
```

GET

```
Developer PowerShell
+ Developer PowerShell
*****
** Visual Studio 2022 Developer PowerShell v17.3.4
** Copyright (c) 2022 Microsoft Corporation
*****
PS C:\Users\User\source\repos\IBMAss> python HTTPMethods.py
* Serving Flask app 'HTTPMethods'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:1000
Press CTRL+C to quit
127.0.0.1 - - [20/Sep/2022 20:49:16] "GET /courses/ HTTP/1.1" 404 -
127.0.0.1 - - [20/Sep/2022 20:49:20] "GET /courses HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:06:32] "GET /courses/2 HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:52:01] "POST /courses HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:52:19] "GET /courses HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:54:03] "PUT /courses/3 HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:54:17] "GET /courses/3 HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 21:54:34] "DELETE /courses/3 HTTP/1.1" 405 -
127.0.0.1 - - [20/Sep/2022 21:56:17] "DELETE /courses/3 HTTP/1.1" 405 -
127.0.0.1 - - [20/Sep/2022 22:01:35] "GET /api HTTP/1.1" 404 -
127.0.0.1 - - [20/Sep/2022 22:07:44] "GET /courses/3 HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 22:20:19] "GET /courses HTTP/1.1" 200 -
127.0.0.1 - - [20/Sep/2022 22:21:01] "POST /courses/2 HTTP/1.1" 405 -
Developer PowerShell
```

```
localhost:1000/courses
[{"courses":[{"course_id":"0","description":"C++ is an object oriented programming language","name":"C++"},{"course_id":"1","description":"Python is an object oriented programming language","name":"Python"}, {"course_id":"2","description":"C is a procedural programming language","name":"C"}, {"course_id":"3","description":"Java is an object oriented programming language","name":"Java"}]}
```



DELETE

Using curl command:

```
C:\curl-7.85.0_3-win64-mingw>curl -X DELETE http://localhost:1000/courses/2
{"result":true}

C:\curl-7.85.0_3-win64-mingw>
```

```
localhost:1000/courses
[{"courses":[{"course_id":"0","description":"C++ is an object oriented programming language","name":"C++"}, {"course_id":"1","description":"Python is an object oriented programming language","name":"Python"}, {"course_id":"3","description":"Java is an object oriented programming language","name":"Java"}]}
```

Using Postman:

Overview

DEL http://localhost:1000/c

+ ...

No Environment

http://localhost:1000/courses/1

DELETE http://localhost:1000/courses/1

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

Query Params

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 6 ms Size: 181 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "result": true
3 }
```

Overview

GET http://localhost:1000/c

+ ...

No Environment

http://localhost:1000/courses

GET http://localhost:1000/courses

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

Query Params

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 6 ms Size: 370 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "Courses": [
3     {
4       "course_id": "0",
5       "description": "C++ is an object oriented programming language",
6       "name": "C++"
7     },
8     {
9       "course_id": "3",
10      "description": "Java is an object oriented programming language",
11      "name": "Java"
12     }
13   ]
14 }
```