

Code File Edit Selection View Go Run Terminal Window Help my-express-app

POSTMAN My Workspace http://localhost:8000/name GET http://localhost:8000/name

Params

Query Params

Key	Value
Key	Value

Body bilal mandi Status: 200 OK Time: 24 ms

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create Collection

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

GET http://localhost:8000/name 200 | 24 ms

Port: 5500

```
JS routes.js
1 const express = require('express');
2 const router = express.Router();
3
4 //name route
5 router.get('/name', (req, res) => {
6   res.send('bilal mandi');
7 });
8
9 //greeting route
10 router.get('/greeting', (req, res) => {
11   res.send('bilal mandi - n01680731 - lab 2');
12 });
13
14 //add route
15 router.get('/add', (req, res) => {
16   const x = parseFloat(req.query.x);
17   const y = parseFloat(req.query.y);
18   res.send('Sum: ${x + y}');
19 });
20
21 //calculate route
22 router.get('/calculate', (req, res) => {
23   const a = parseFloat(req.query.a);
24   const b = parseFloat(req.query.b);
```

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POSTMAN My Workspace http://localhost:8000/greeting GET http://localhost:8000/greeting

Params

Query Params

Key	Value
Key	Value

Body bilal mandi - n01680731 - lab 2 Status: 200 OK Time: 17 ms

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create Collection

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

GET http://localhost:8000/name 200 | 24 ms

GET http://localhost:8000/greeting 200 | 17 ms

Port: 5500

```
JS routes.js
1 const express = require('express');
2 const router = express.Router();
3
4 //name route
5 router.get('/name', (req, res) => {
6   res.send('bilal mandi');
7 });
8
9 //greeting route
10 router.get('/greeting', (req, res) => {
11   res.send('bilal mandi - n01680731 - lab 2');
12 });
13
14 //add route
15 router.get('/add', (req, res) => {
16   const x = parseFloat(req.query.x);
17   const y = parseFloat(req.query.y);
18   res.send('Sum: ${x + y}');
19 });
20
21 //calculate route
22 router.get('/calculate', (req, res) => {
23   const a = parseFloat(req.query.a);
24   const b = parseFloat(req.query.b);
```

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POSTMAN My Workspace http://localhost:8000/add?x=5&y=10

New HTTP Request GET http://localhost:8000/add?x=5&y=10

Params

Query Params

Key	Value
x	5
y	10

Body

Status: 200 OK Time: 11 ms

1 Sum: 15

Create a collection for your requests

Create Collection

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

POSTMAN CONSOLE

GET http://localhost:8000/add 200 28 ms

GET http://localhost:8000/add?x=5&y=10 200 11 ms

Java: Ready Port: 5500

routes.js

```
const router = express.Router();

//name route
router.get('/name', (req, res) => {
  res.send('bilal mandi');
});

//greeting route
router.get('/greeting', (req, res) => {
  res.send('bilal mandi - n01680731 - lab 2');
});

//add route
router.get('/add', (req, res) => {
  const x = parseFloat(req.query.x);
  const y = parseFloat(req.query.y);
  res.send('sum: ' + (x + y));
});

//calculate route
router.get('/calculate', (req, res) => {
  const a = parseFloat(req.query.a);
  const b = parseFloat(req.query.b);
  const operation = req.query.operation;
```

Code File Edit Selection View Go Run Terminal Window Help my-express-app

POSTMAN My Workspace http://localhost:8000/calculate?a=5&b=20&operation=*

New HTTP Request GET http://localhost:8000/calculate?a=5&b=20&operation=*

Params

Query Params

Key	Value
a	5
b	20

Body

Status: 200 OK Time: 10 ms

1 Result: 100

Create a collection for your requests

Create Collection

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

POSTMAN CONSOLE

GET http://localhost:8000/calculate?a=5&b=20&operation=* 200 35 ms

GET http://localhost:8000/calculate?a=5&b=20&operation=* 200 10 ms

Java: Ready Port: 5500

routes.js

```
router.get('/greeting', (req, res) => {
  res.send('bilal mandi - n01680731 - lab 2');
});

//add route
router.get('/add', (req, res) => {
  const x = parseFloat(req.query.x);
  const y = parseFloat(req.query.y);
  res.send('sum: ' + (x + y));
});

//calculate route
router.get('/calculate', (req, res) => {
  const a = parseFloat(req.query.a);
  const b = parseFloat(req.query.b);
  const operation = req.query.operation;
  let result;

  if (operation === '+') result = a + b;
  else if (operation === '-') result = a - b;
  else if (operation === '*') result = a * b;
  else if (operation === '/') result = a / b;
  else if (operation === '**') result = a ** b;
```