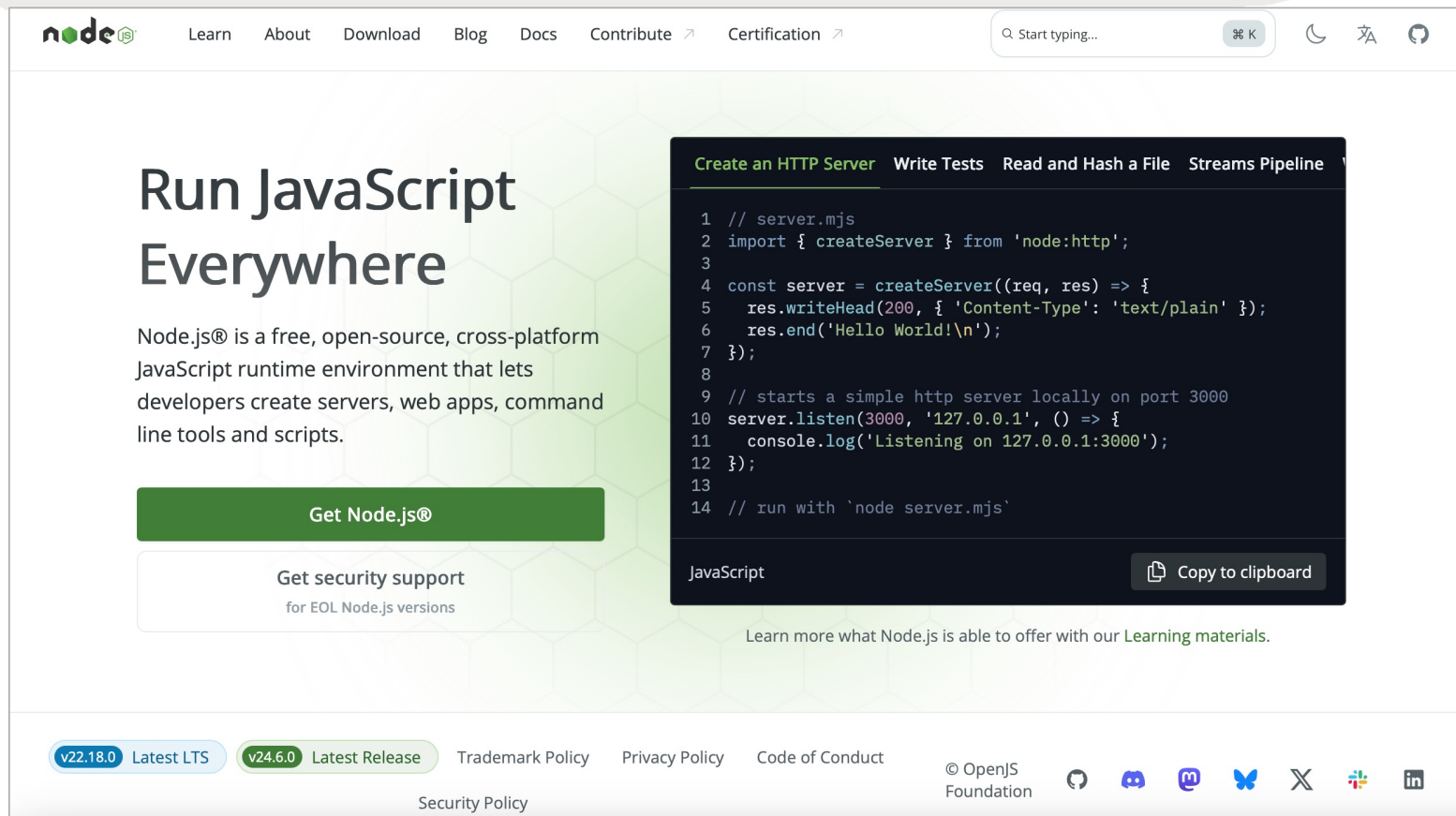


The slide features several abstract decorative elements: a blue circle in the upper left, a large orange semi-circle on the right, a green L-shaped line at the top center, a yellow semi-circle at the top right, a green L-shaped line on the left, and a yellow dashed line at the bottom left.

# Postman Tutorial

# Let's code our own APIs.

1. Set up NodeJS – <https://nodejs.org/>



The screenshot shows the Node.js website with a dark-themed code overlay. The website header includes the Node.js logo and navigation links: Learn, About, Download, Blog, Docs, Contribute, and Certification. A search bar is on the right. The main heading is "Run JavaScript Everywhere". Below it, a paragraph describes Node.js as a free, open-source, cross-platform JavaScript runtime environment. A green button says "Get Node.js®". Below that, a box says "Get security support for EOL Node.js versions". The code overlay is titled "Create an HTTP Server" and shows a JavaScript code snippet for creating a simple HTTP server. A "Copy to clipboard" button is at the bottom right of the code block. The footer of the website shows version information (v22.18.0 Latest LTS, v24.6.0 Latest Release), various policies (Trademark, Privacy, Code of Conduct, Security), and social media links.

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Search Start typing...

## Run JavaScript Everywhere

Node.js® is a free, open-source, cross-platform JavaScript runtime environment that lets developers create servers, web apps, command line tools and scripts.

[Get Node.js®](#)

[Get security support for EOL Node.js versions](#)

[Learn more what Node.js is able to offer with our Learning materials.](#)




```
1 // server.mjs
2 import { createServer } from 'node:http';
3
4 const server = createServer((req, res) => {
5   res.writeHead(200, { 'Content-Type': 'text/plain' });
6   res.end('Hello World!\n');
7 });
8
9 // starts a simple http server locally on port 3000
10 server.listen(3000, '127.0.0.1', () => {
11   console.log('Listening on 127.0.0.1:3000');
12 });
13
14 // run with `node server.mjs`
```


JavaScript [Copy to clipboard](#)

v22.18.0 Latest LTS v24.6.0 Latest Release Trademark Policy Privacy Policy Code of Conduct

Security Policy © OpenJS Foundation


## 2. Set up Visual Studio Code - <https://code.visualstudio.com/Download>


 **Visual Studio Code** [Docs](#) [Updates](#) [Blog](#) [API](#) [Extensions](#) [MCP](#) [FAQ](#) [Dev Days](#)   [Download](#)

Try [MCP servers](#) to extend agent mode in VS Code! 


# Download Visual Studio Code


Free and built on open source. Integrated Git, debugging and extensions.




 **Windows**  
Windows 10, 11


User Installer [x64](#) [Arm64](#)  
System Installer [x64](#) [Arm64](#)  
.zip [x64](#) [Arm64](#)  
CLI [x64](#) [Arm64](#)




 **.deb**  
Debian, Ubuntu

 **.rpm**  
Red Hat, Fedora, SUSE

**.deb** [x64](#) [Arm32](#) [Arm64](#)  
**.rpm** [x64](#) [Arm32](#) [Arm64](#)  
**.tar.gz** [x64](#) [Arm32](#) [Arm64](#)  
**Snap** [Snap Store](#)  
**CLI** [x64](#) [Arm32](#) [Arm64](#)



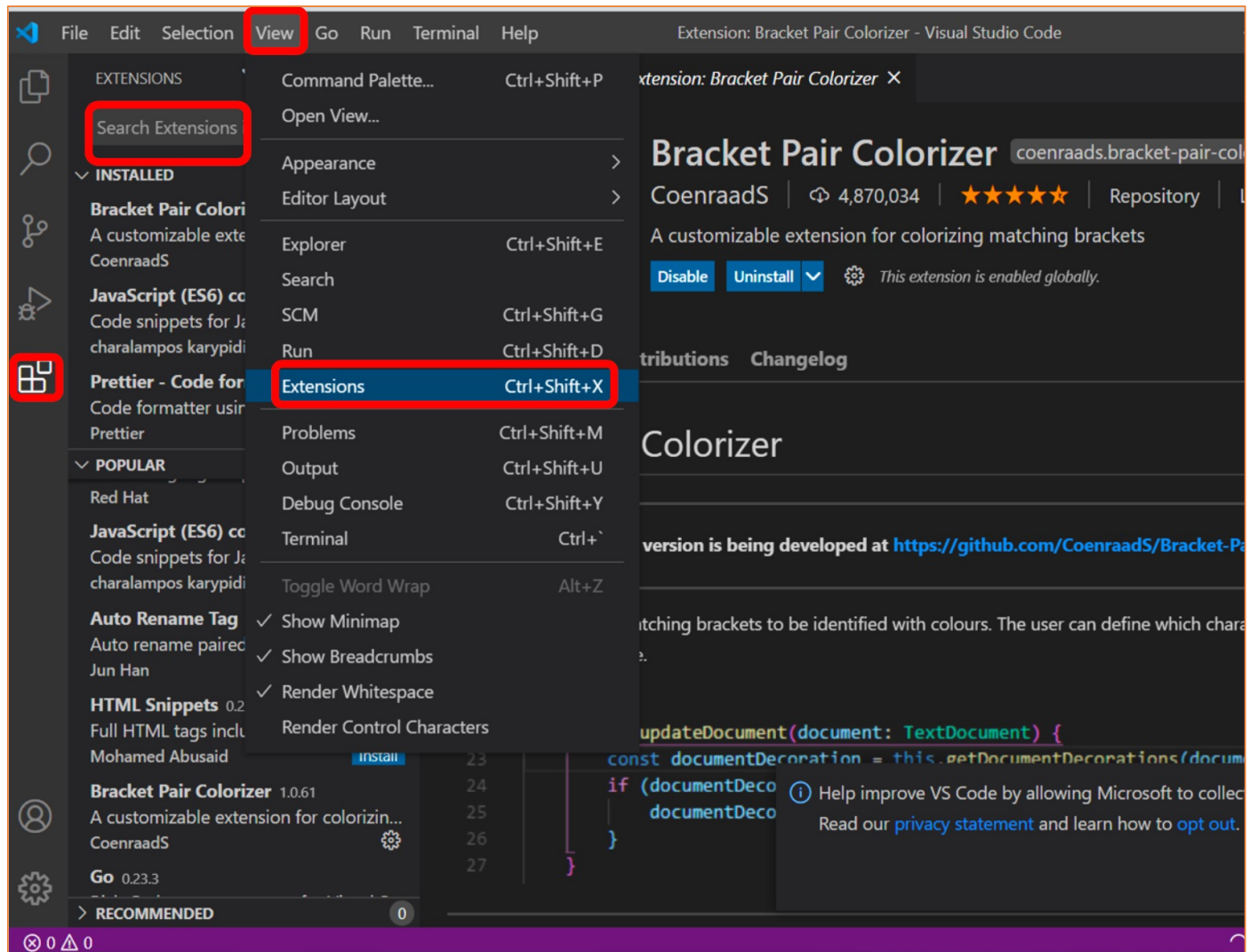
 **Mac**  
macOS 11.0+

**.zip** [Intel chip](#) [Apple silicon](#) [Universal](#)  
**CLI** [Intel chip](#) [Apple silicon](#)

3

### 3. Install extension (recommended)

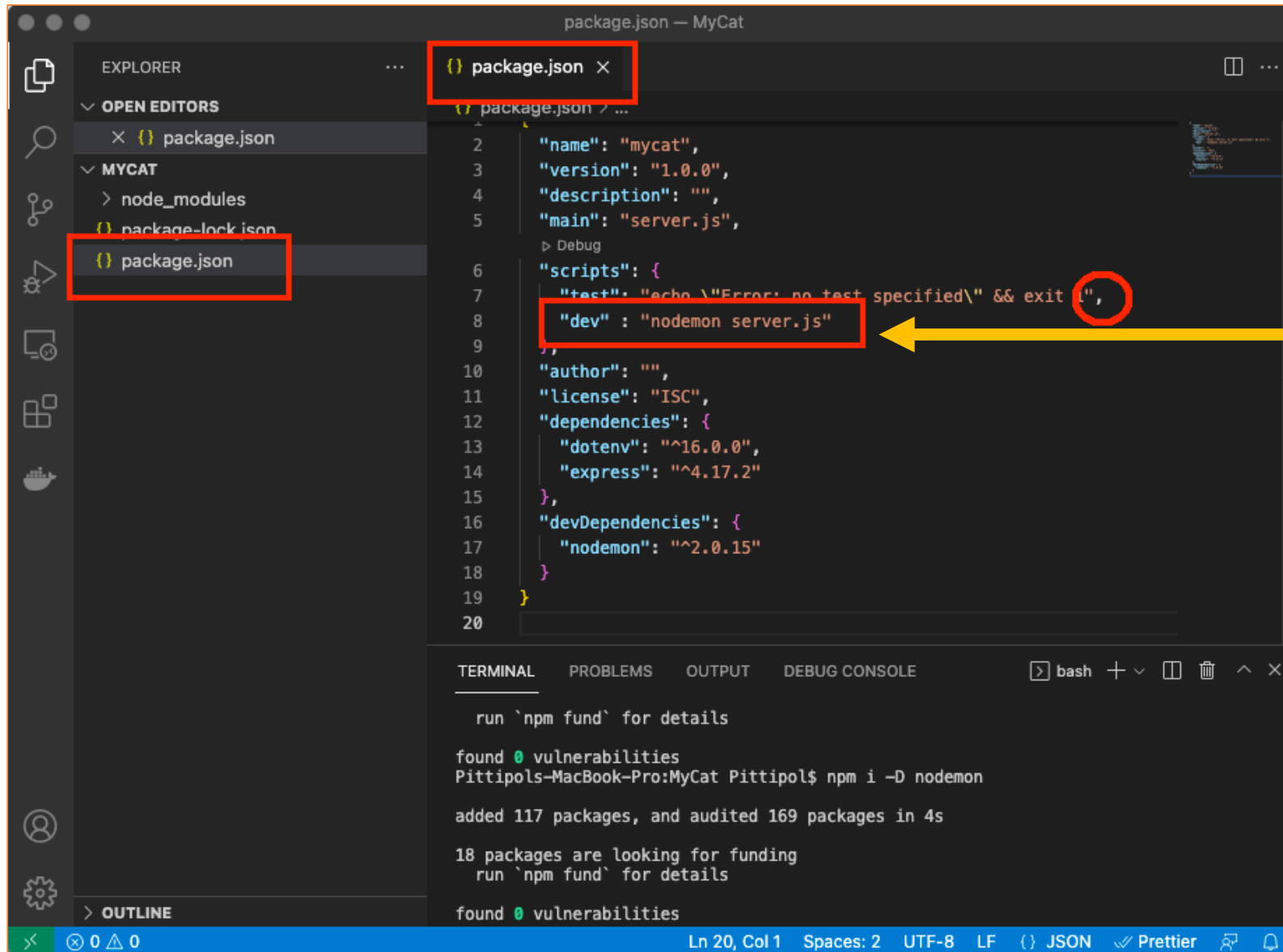
- 1. Bracket Pair Colorizer
- 2. DotENV
- 3. ExpressSnippet
- 4. JavaScript (ES6) code snippets
- 5. Prettier - Code formatter
- 6. REST Client



## 4. Let's start our project!

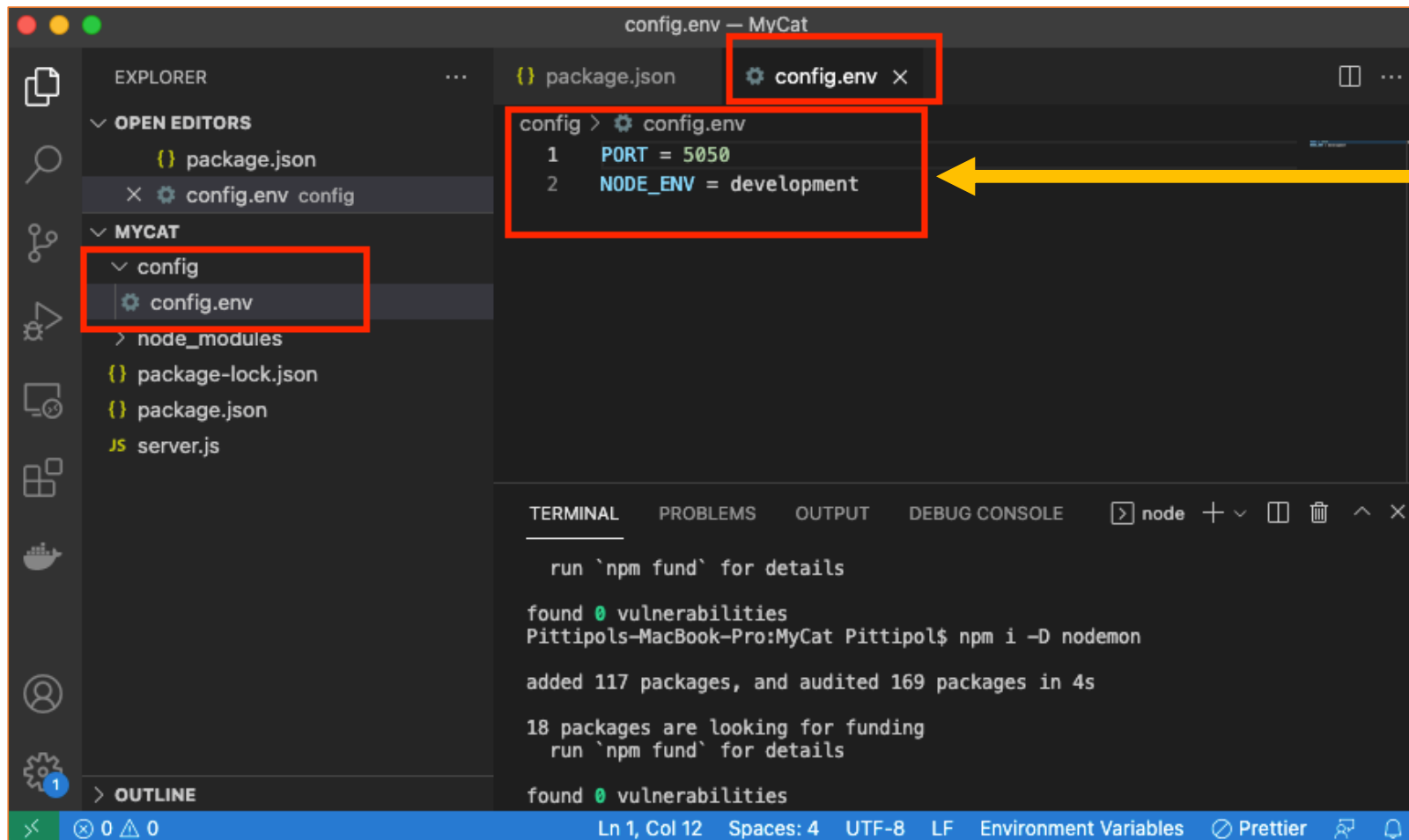
---

1. Create a folder : "MyCat"
2. Open VS Code
3. Open your folder "MyCat" in VS Code
  - Tab File > Open folder > Browser "MyCat" folder
4. Open Terminal
  - Tab: Terminal > New Terminal
5. Create new project
  - `$ npm init` //entry point: server.js
  - `$ npm i express dotenv`
  - `$ npm i -D nodemon`



เพิ่มบรรทัดนี้ใน  
“package.json”

"dev" : "nodemon server.js"



1. สร้าง folder

“config”

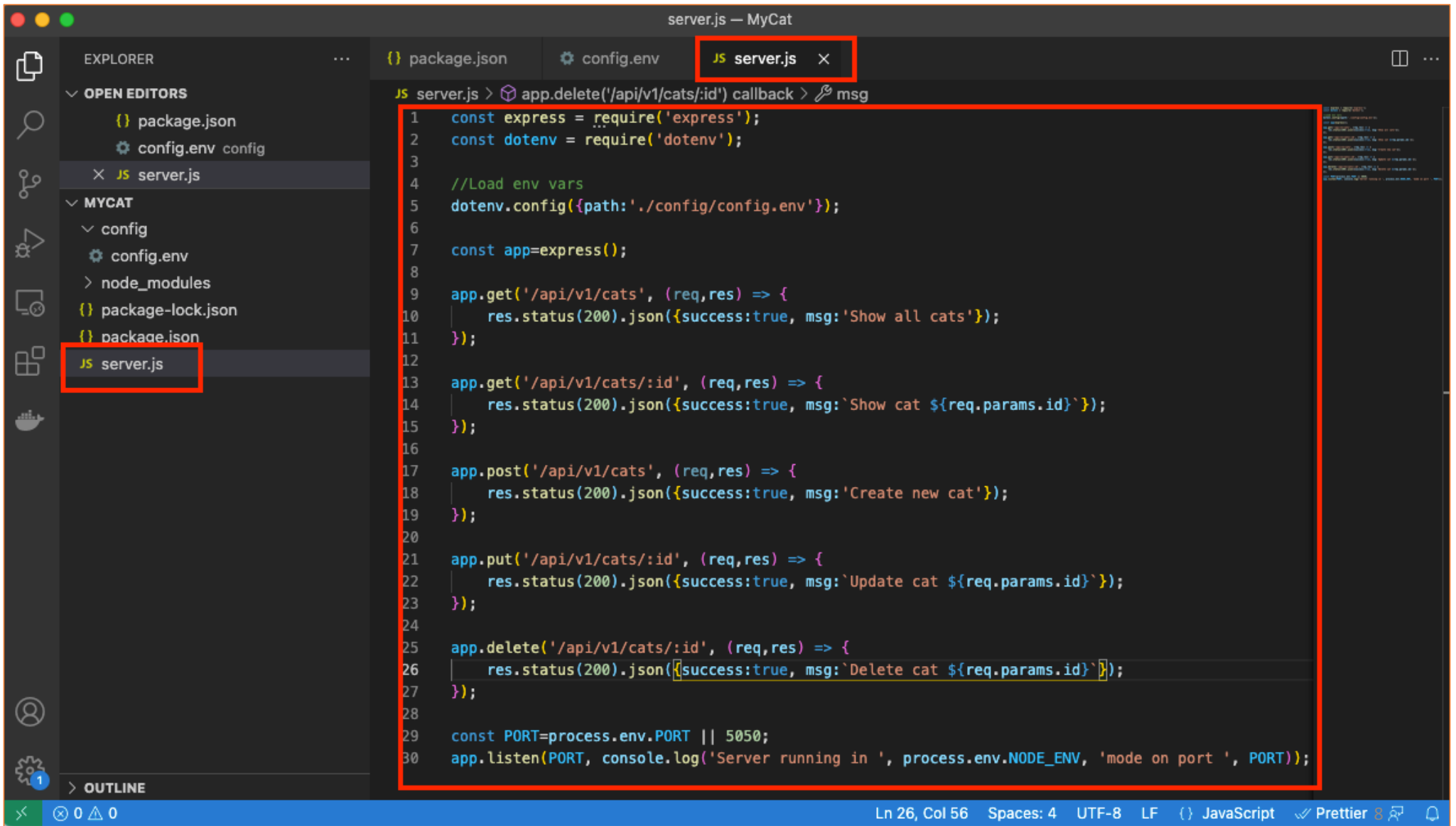
2. สร้างไฟล์

“config/config.env”

3. ใส่ code

PORT = 5050 // ตามสะดวก

NODE\_ENV = development





```
const express = require('express');
const dotenv = require('dotenv');

//Load env vars
dotenv.config({path: './config/config.env'});

const app=express();

app.get('/api/v1/cats', (req,res) => {
  res.status(200).json({success:true, msg:'Show all cats'});
});

app.get('/api/v1/cats/:id', (req,res) => {
  res.status(200).json({success:true, msg:`Show cat ${req.params.id}`});
});

app.post('/api/v1/cats', (req,res) => {
  res.status(200).json({success:true, msg:'Create new cat'});
});

app.put('/api/v1/cats/:id', (req,res) => {
  res.status(200).json({success:true, msg:`Update cat ${req.params.id}`});
});

app.delete('/api/v1/cats/:id', (req,res) => {
  res.status(200).json({success:true, msg:`Delete cat ${req.params.id}`});
});

const PORT=process.env.PORT || 5050;
app.listen(PORT, console.log('Server running in ', process.env.NODE_ENV, 'mode on port ', PORT));
```

1. สร้างไฟล์ server.js
2. Copy -> Paste
3. Save

## 5.Run server / Test

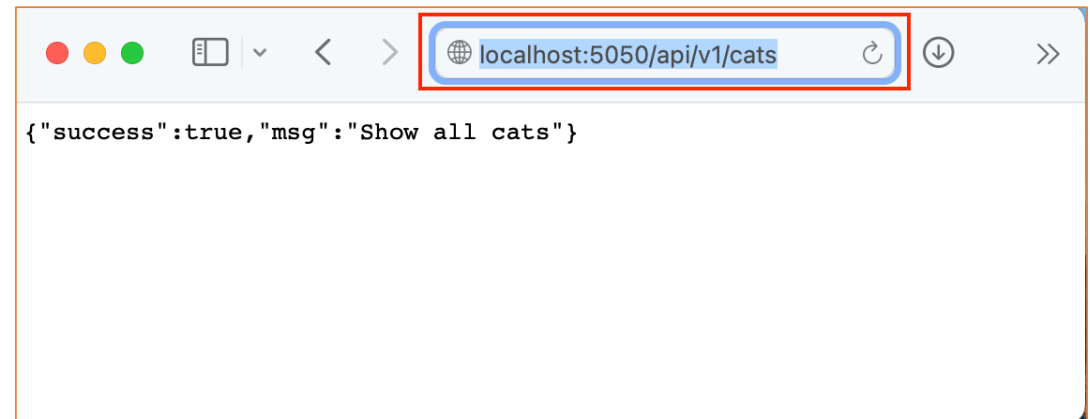
- ที่ Terminal สั่งรัน `$ npm run dev`

```
Pittipols-MacBook-Pro:MyCat Pittipo $ npm run dev
> mycat@1.0.0 dev
> nodemon server.js

[nodemon] 2.0.15
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node server.js`
Server running in development mode on port 5050
```

- เปิด browser แล้วรัน

`http://localhost:5050/api/v1/cats`



# การทดสอบ API ด้วย Postman

- <https://www.postman.com/downloads/>

The image shows the Postman website's download page and a screenshot of the Postman application interface. The website header includes links for Product, Resources, Enterprise, and Pricing, along with buttons for Contact Sales, Sign In, and Sign Up for Free. The main heading is "Download Postman", followed by a paragraph encouraging users to download the app or try the web version. Below this, the "The Postman app" section provides download links for Mac Apple Chip and Mac Intel Chip, along with links to the Privacy Policy, Terms, and Release Notes. A note at the bottom suggests downloading for Windows (x64) or Linux (x64, arm64) if the user's OS is not supported.

**Download Postman**

Download the app to get started using the Postman API Platform today. Or, if you prefer a browser experience, you can try the web version of Postman.

**The Postman app**

Download the app to get started with the Postman API Platform.

[Mac Apple Chip](#) [Mac Intel Chip](#)

By downloading and using Postman, I agree to the [Privacy Policy](#) and [Terms](#).

[Release Notes](#) →

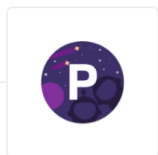
Not your OS? Download for Windows ([x64](#)) or Linux ([x64](#), [arm64](#))

The screenshot of the Postman application shows the "Notion's Public Workspace" with a collection named "Notion API". The "Retrieve a database" endpoint is selected, showing a GET request to `https://api.notion.com/v1/databases/{id}`. The "Query params" section is visible, showing a table with columns "KEY" and "VALUE".

KEY	VALUE
Key	Value

Path variables

KEY	VALUE
id	{{DATABASE.ID}}



**Pittipol**

pittipol.postman.co



Invite

Workspaces >

Private API Network >

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What is Postman?



## Hey there, night owl!

Pick up where you left off, catch up with your team's work.

### Recently visited workspaces



My Workspace



### Get started with Postman

#### Start with something new

Create a new request, collection, or API in a workspace

[Create New →](#)

#### Import an existing file

Import any API schema file from your local drive or Github

[Import file →](#)

#### Explore our public network

Browse featured APIs, collections, and workspaces published by the Postman community.

[Explore →](#)

#### Work smarter with Postman

Learn how Postman can help you at every stage of the API development.

[Learn →](#)

### Announcements

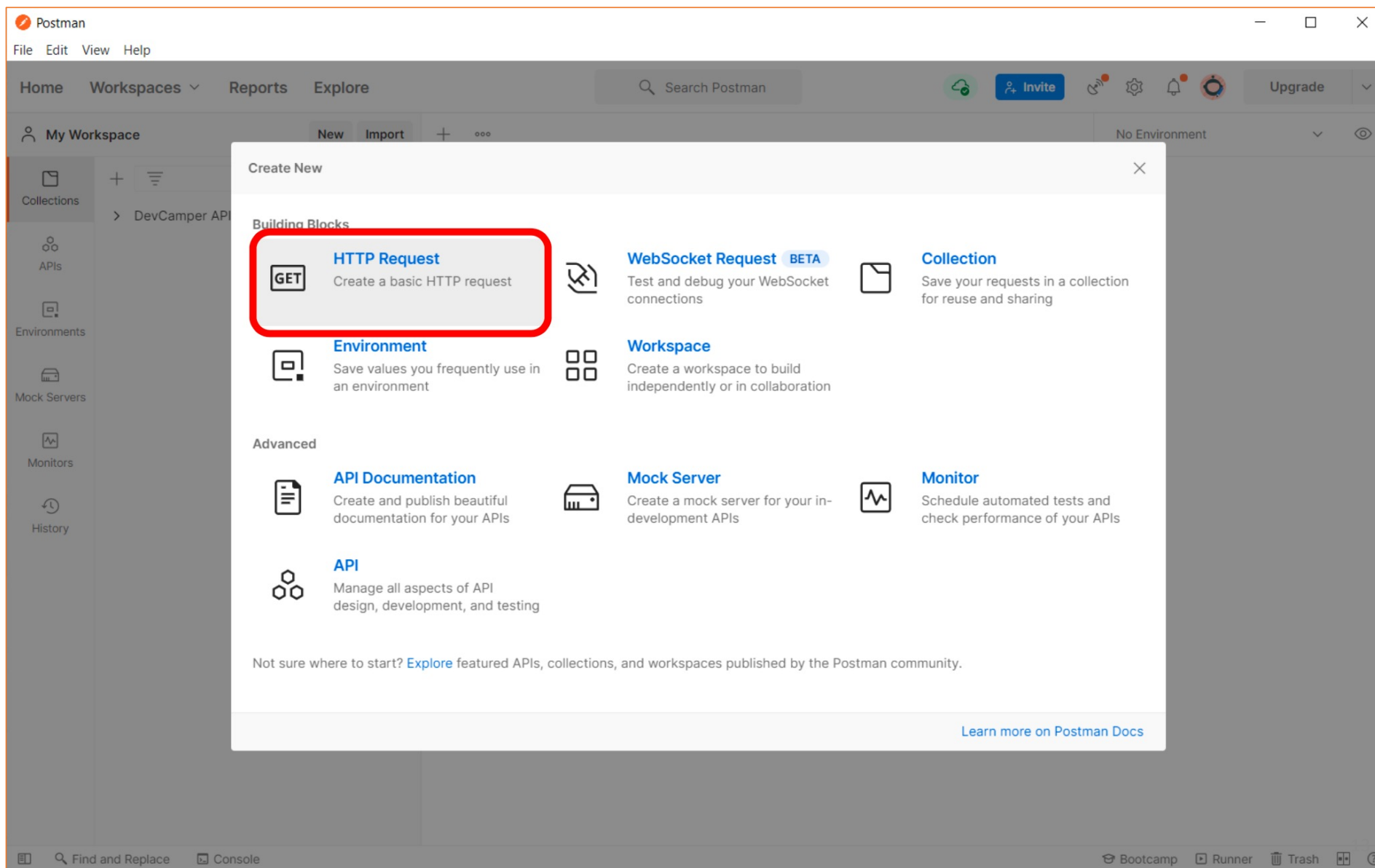
[Show](#)

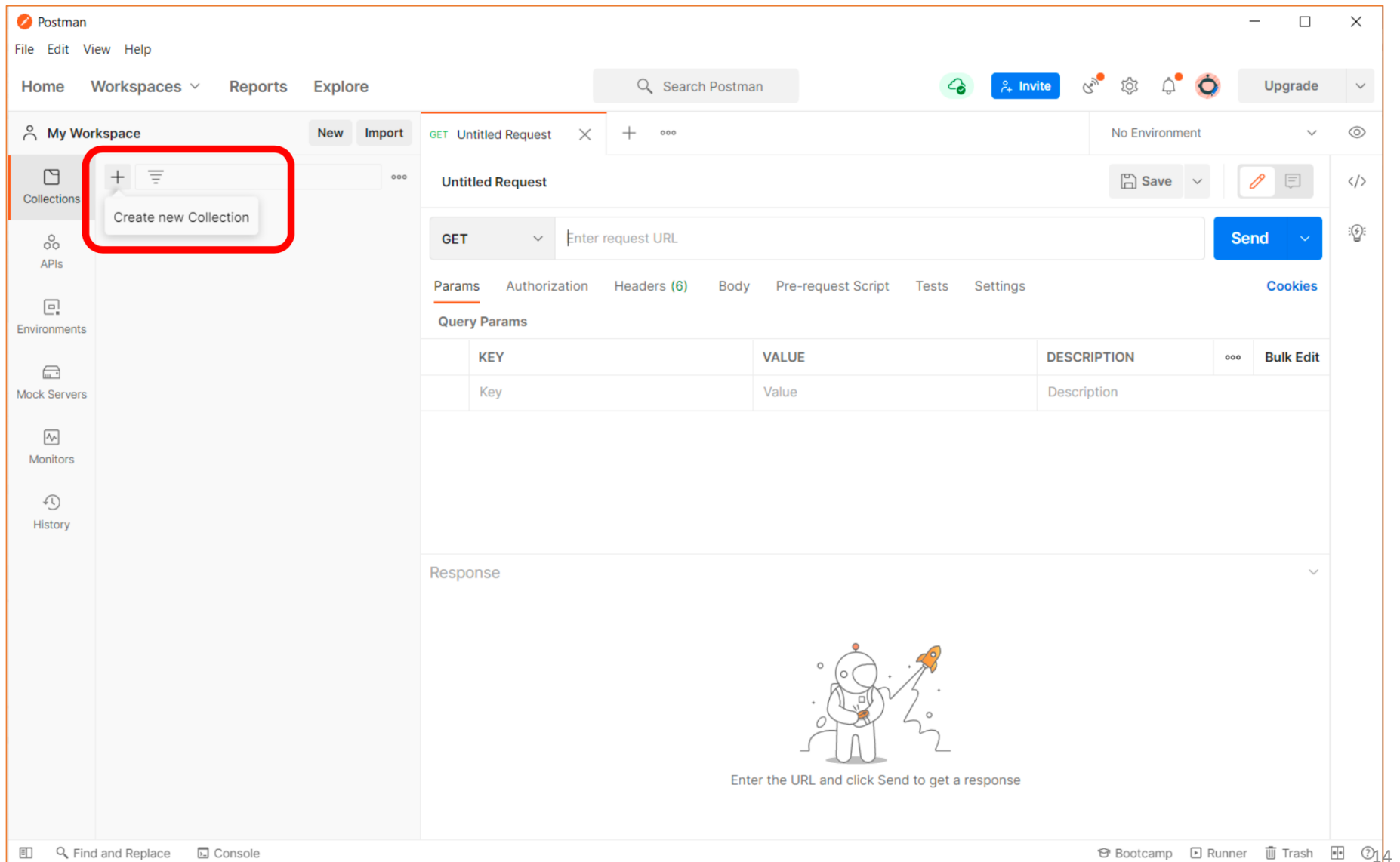
### Activity Feed

January 26, 2022



Pittipol Kantavat created Team Workspace workspace  
12:54 PM





HomeWorkspacesAPI NetworkReportsExpl

Search Postman

Invite

Upgrade

My Workspace

NewImport

Cats

GET Test get all cats

GET Test get a cat

POST Test add a new cat

PUT Test update a cat

DEL Test delete a cat

GET Test get all cats

localhost:5050/api/v1/cats

Send

ParamsAuthHeaders (6)BodyPre-req. TestsSettings

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

Body

200 OK18 ms273 BSave Response

PrettyRawPreviewVisualizeJSON

```
1 {
2   "success": true,
3   "msg": "Show all cats"
4 }
```

Find and ReplaceConsole

Capture requests and cookiesBootcampRunnerTrash15