

[Github URL](#)

W04-P1: Create a express Web server to show your info

The screenshot shows the VS Code interface with the following components:

- Code Editor:** Two files are open: `server.js` and `package.json`. The `server.js` file contains code for an Express server that responds to the root route with the string "Hsu,213410144". The `package.json` file defines the project's metadata, including its name, version, description, main file, type, scripts (with "start" and "dev" keys), repository, keywords, author, license, and dependencies.
- Terminal:** Shows the command line output of running the application with `npm run dev`. It shows the server starting on port 5000 and sending a response to the browser.
- Browser:** A Microsoft Edge window is open at `localhost:5000`, displaying the text "Hsu,213410144".
- Taskbar:** Shows various pinned icons for Microsoft applications like Teams, OneDrive, and File Explorer.

```
3dae7ec 213410144      Sun Oct 12 21:12:31 2025 +0800 W04-P1: Create a express
Web server to show your info
```

W04-P2: Create blog_xx table with 3 data, implement route /api/blog_xx to return a json array with 3 data

=> **SQL to create blog_xx table and 3 data**

The screenshot shows the pgAdmin 4 interface. In the Object Explorer, under the 'wp1_demo_44' database, a new table 'blog_44' is being created. The 'Columns' section is highlighted with a red box, showing columns: id, title, descrip, category, img, and remote_img. The 'Query' tab contains the SQL code for creating the table and inserting 9 rows of sample data. An error message is visible: 'ERROR: relation "blog_44" already exists'. The status bar at the bottom right shows '下午 10:29 2025/10/12'.

```

CREATE TABLE blog_44 (
    id int not null primary key,
    title varchar(255),
    descrip text,
    category varchar(255),
    img text,
    remote_img text
)

VALUES
(1,'Seven Reasons Why Coffee Is Awesome','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-1.jpg'),
(2,'Travel To Paris','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-2.jpg'),
(3,'Coffee Brings Friendship','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-3.jpg'),
(4,'Coffee Make You Feel Good','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-4.jpg'),
(5,'Coffee Make You Calm','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-5.jpg'),
(6,'101 Tower In Taipei','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-6.jpg'),
(7,'Sun Rise From The Mountain','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-7.jpg'),
(8,'Serene Lake With Trees','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-8.jpg'),
(9,'Rocks Of Queen Head In Yehliu Taiwan','Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-9.jpg')

```

=> show 3 data

The screenshot shows the pgAdmin 4 interface. A query is run to select all columns from the 'blog_44' table and order by 'id' asc. The results are displayed in a table format, showing 9 rows of data. The 'Columns' section of the table structure is highlighted with a red box. The status bar at the bottom right shows '下午 10:28 2025/10/12'.

ID	Title	Description	Category	Image
1	Seven Reasons Why Coffee Is Awesome	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-1.jpg
2	Travel To Paris	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-2.jpg
3	Coffee Brings Friendship	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-3.jpg
4	Coffee Make You Feel Good	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-4.jpg
5	Coffee Make You Calm	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-5.jpg
6	101 Tower In Taipei	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-6.jpg
7	Sun Rise From The Mountain	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-7.jpg
8	Serene Lake With Trees	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-8.jpg
9	Rocks Of Queen Head In Yehliu Taiwan	Lorem ipsum dolor sit amet consectetur adipiscing elit.	lifestyle	/images/photo-9.jpg

=> implement route /api/blog_xx

e2f2f77 htchung Wed Oct 8 19:50:35 2025 +0800 W04-P2: Create blog_xx table with 3 data, implement route /api/blog_xx to return a json array with 3 data

W04-P3: from client side to get json data from Node

=> **modified client and server code**

=> **Chrome, show 3 blogs**

```
c65cccc htchung Wed Oct 8 20:46:24 2025 +0800 W04-P3: from client side to get  
json data from Node
```