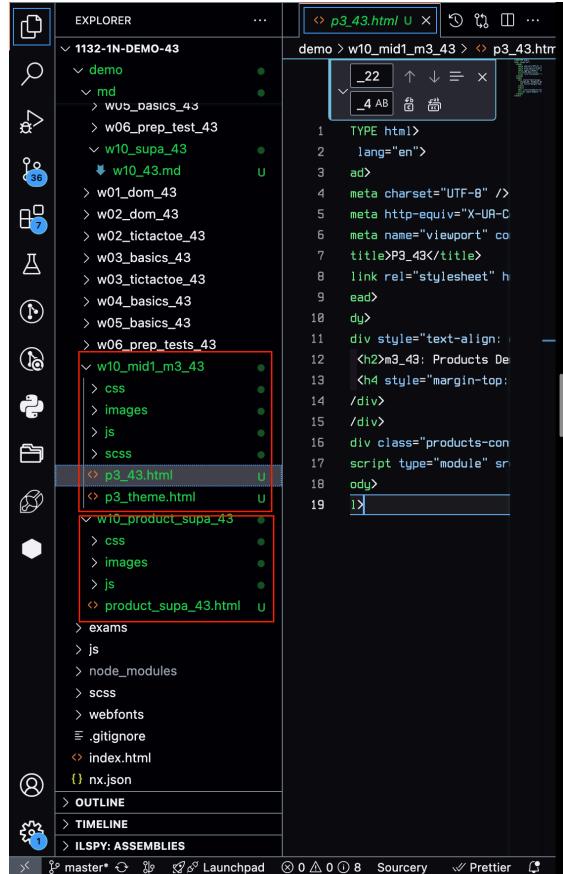


[GitHub URL](#)

[Vercel URL](#)

W10-P1: Copy mid1 m3_43 answer and rearrange it for W10 demo



The screenshot shows a code editor with the file `p3_43.html` open. The file contains the following HTML code:

```
1 <TYPE html>
2   lang="en">
3   ad>
4   meta charset="UTF-8" />
5   meta http-equiv="X-UA-Compatible" content="IE=edge" />
6   meta name="viewport" content="width=device-width, initial-scale=1.0" />
7   title>P3_43</title>
8   link rel="stylesheet" href="style.css" type="text/css" />
9   <head>
10  <div style="text-align: center;">
11    <h2>m3_43: Products Demo</h2>
12    <h3>Victor Hsu, 213410243</h3>
13    <div class="products-container">
14      <script type="module" src="https://unpkg.com/react@17.0.2/umd/react.development.js"></script>
15      <script type="module" src="https://unpkg.com/react-dom@17.0.2/umd/react-dom.development.js"></script>
16      <script type="module" src="https://unpkg.com/redux@4.1.2/esm/redux.development.js"></script>
17      <script type="module" src="https://unpkg.com/react-redux@7.2.4/esm/react-redux.development.js"></script>
18      <div>
19        <div>
```

The browser window shows the rendered product demo page with two items listed:

- 6-Entertainmint Center** - \$69.99 - An image of a modern entertainment center.
- 7-Albany Sectional** - \$10.99 - An image of a blue wall with a wooden cabinet and a potted plant.

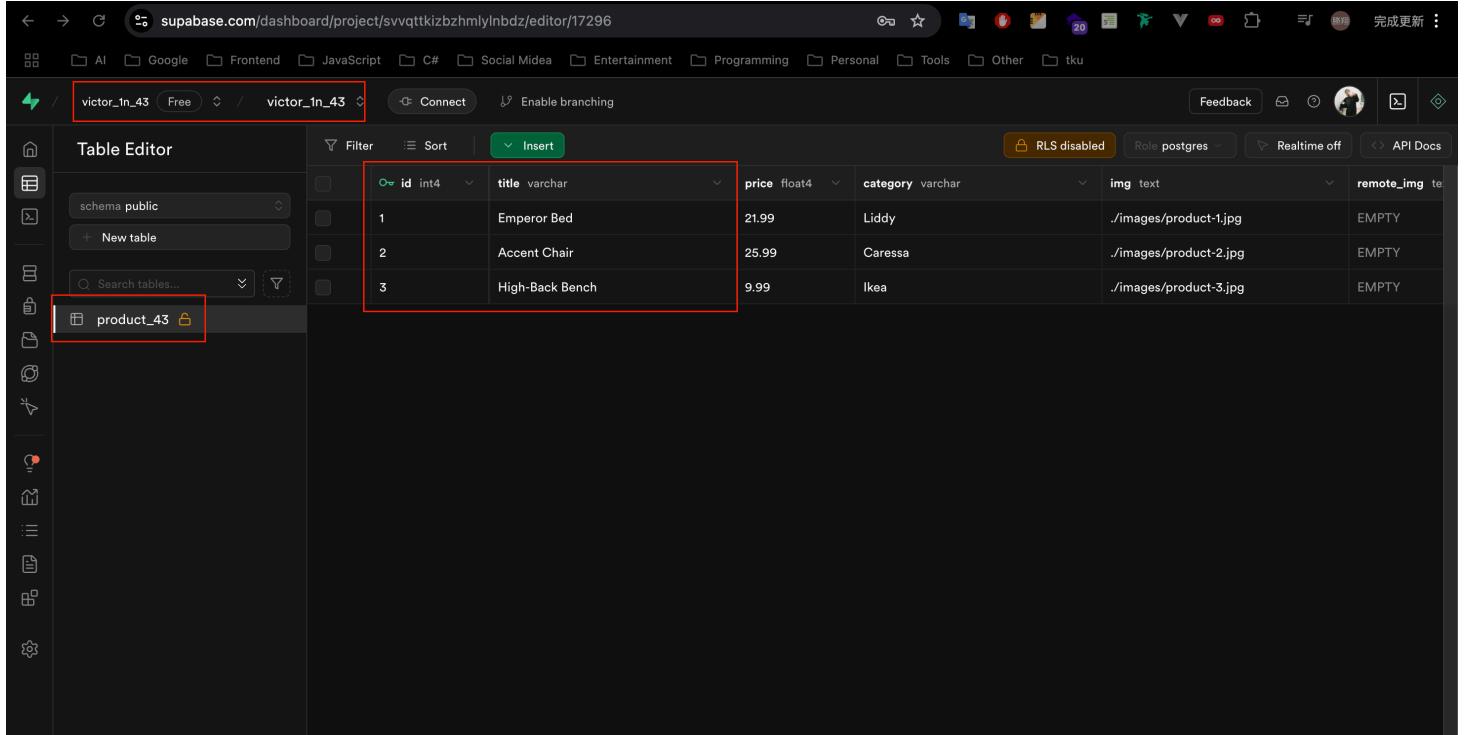
Below these items is another image of a bed in a room with large windows overlooking a mountainous landscape.

56e4abb victor_xu Sun Apr 27 18:19:05 2025 +0800

W10-P1: Copy mid1 m3_43 answer and

W10-P2: Setup Supabase with project yourcode_1n_43

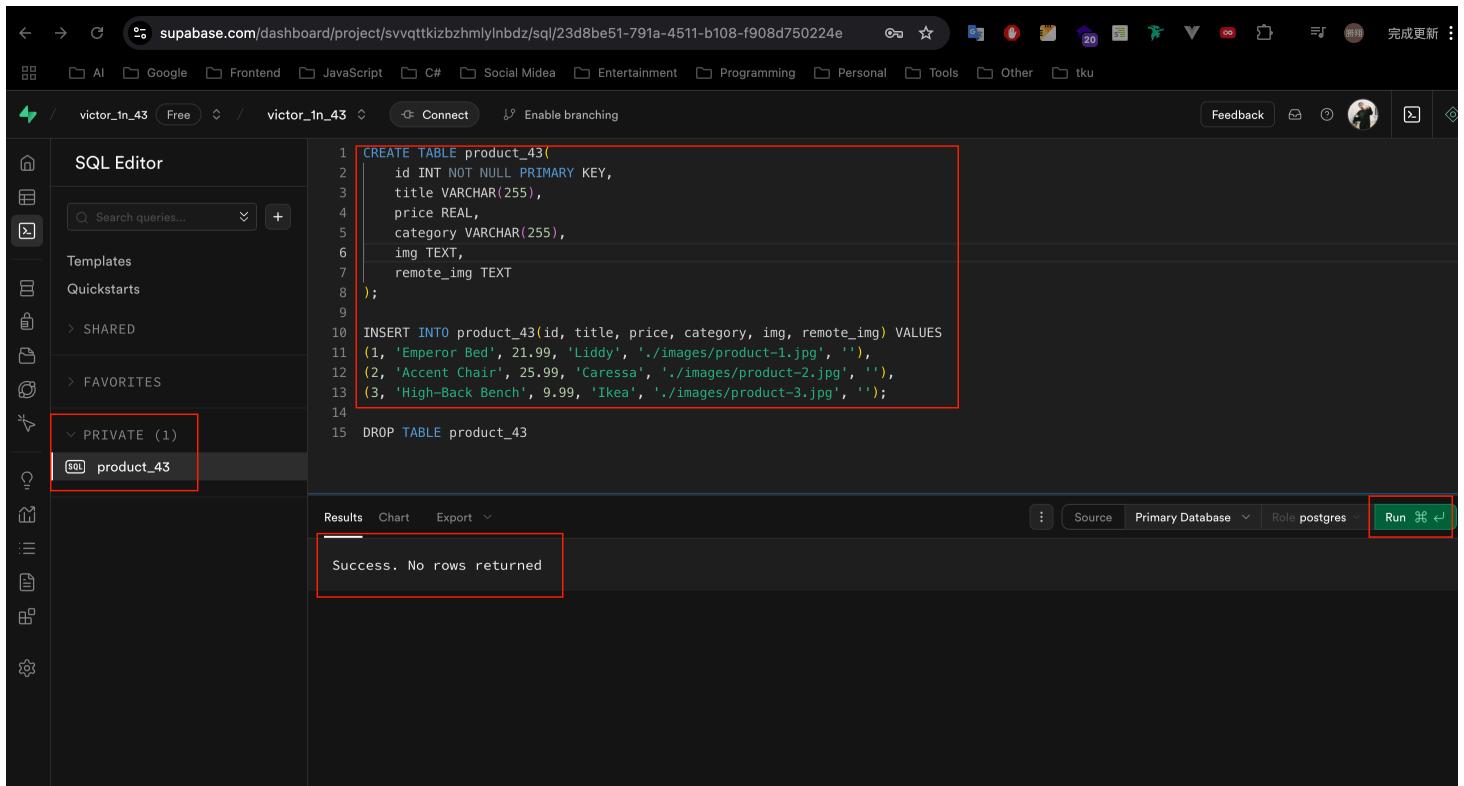
=> show product_43 table with 3 data



The screenshot shows the Supabase Table Editor interface. On the left, there's a sidebar with various icons and a search bar. In the center, the 'Table Editor' section is open, showing a table named 'product_43'. The table has columns: id (int4), title (varchar), price (float4), category (varchar), img (text), and remote_img (text). There are three rows of data:

	id	title	price	category	img	remote_img
1	1	Emperor Bed	21.99	Liddy	./images/product-1.jpg	EMPTY
2	2	Accent Chair	25.99	Caressa	./images/product-2.jpg	EMPTY
3	3	High-Back Bench	9.99	Ikea	./images/product-3.jpg	EMPTY

=> show SQL to create product_43 table and insert three data



The screenshot shows the Supabase SQL Editor interface. On the left, there's a sidebar with sections like 'TEMPLATES', 'QUICKSTARTS', 'SHARED', 'FAVORITES', and a 'PRIVATE (1)' section which is expanded, showing a table named 'product_43'. The main area contains the following SQL code:

```
1 CREATE TABLE product_43(
2     id INT NOT NULL PRIMARY KEY,
3     title VARCHAR(255),
4     price REAL,
5     category VARCHAR(255),
6     img TEXT,
7     remote_img TEXT
8 );
9
10 INSERT INTO product_43(id, title, price, category, img, remote_img) VALUES
11 (1, 'Emperor Bed', 21.99, 'Liddy', './images/product-1.jpg', ''),
12 (2, 'Accent Chair', 25.99, 'Caressa', './images/product-2.jpg', ''),
13 (3, 'High-Back Bench', 9.99, 'Ikea', './images/product-3.jpg', '');
14
15 DROP TABLE product_43
```

The results panel at the bottom shows the message: "Success. No rows returned". The 'Run' button is highlighted with a red box.

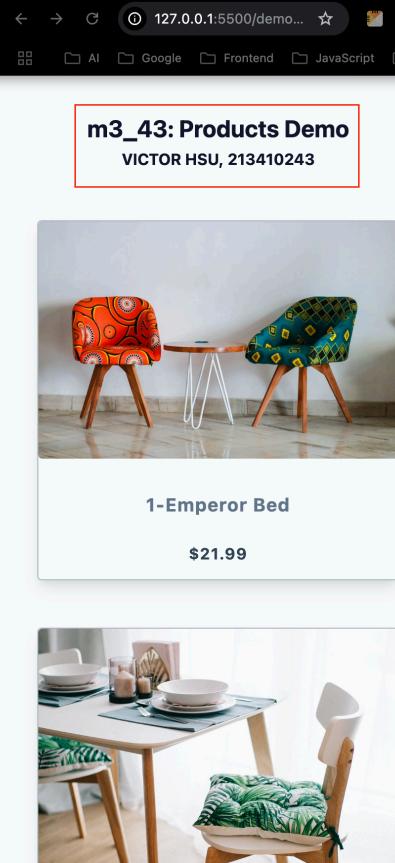
=> show Project URL and ANON KEY for this project

The screenshot shows the Supabase dashboard with the URL supabase.com/dashboard/project/svvqtkizbzmlnylnbdz/settings/api. The left sidebar has sections for PROJECT SETTINGS (General, Compute and Disk, Infrastructure, Integrations, Add Ons, Vault), CONFIGURATION (Database, Data API, Authentication, Storage, Edge Functions, Log Drains), and BILLING (Subscription, Usage). The 'Data API' section is highlighted with a red box. The main content area is titled 'API Settings'. It shows the 'Project URL' as <https://svvqtkizbzmlnylnbdz.supabase.co> and the 'Project API Keys' section. The 'anon' key is shown as a JWT token starting with 'eyJhbGciOiJIUzI1Ni...'. The 'service_role' key is shown as a placeholder '*****'. A note at the bottom states: 'Upcoming change | New API keys coming Q2 2025. 'anon' and 'service_role' API keys will be changing to 'publishable' and 'secret' API keys.' A 'Read the announcement' button is present.

3927a6c victor_xu Sun Apr 27 18:21:28 2025 +0800 W10-P2: Setup Supabase with project

W10-P3: Get 12 products from Supabase

=> show how to fetch products from Supabase



The screenshot shows a browser window displaying a product demo page. The page has a header "m3_43: Products Demo" and "VICTOR HSU, 213410243". Below the header, there is a photograph of two colorful armchairs with wooden legs and a small round white table between them. The caption below the image is "1-Emperor Bed" and the price is "\$21.99". To the right of the browser window, a developer tools panel is open, showing the "Elements" tab with the class ".products-container" selected. The "Console" tab is also open, displaying the JavaScript code used to fetch and display the products. The code uses the Supabase client to query the database and update the DOM.

```
You, 51 seconds ago | 1 author (You)
1 import { supabase } from './clientSupabase.js';
2
3 const productContainer = document.querySelector('.products-container');
4
5 let products_43 = [];
6
7 const fetchProducts = async () => {
8   try {
9     let { data, error } = await supabase
10       .from('product_43')
11       .select();
12     console.log(`data`, data);
13   return data;
14 } catch (err) {
15   console.log(err);
16 };
17 const displayProducts = (products) => {
18   let productsContent = products
19   .map((product) => {
20     You, 6 minutes ago · W10-P1: Copy
21     `<div>${product.title}, ${product.price}</div>`;
22   })
23   .join('');
24   productContainer.innerHTML = productsContent;
25 };
26
27 document.addEventListener('DOMContentLoaded', async () => {
28   products_43 = await fetchProducts();
29   displayProducts(products_43);
30 });
31
32
33
34
35
36
37
38
39
40
41
42
43
```

```
product_43.js:10
(12) [{}]
0: {id: 1, title: 'Emperor Bed', price: 2199}
1: {id: 2, title: 'Accent Chair', price: 1299}
2: {id: 3, title: 'High-Back Bench', price: 1499}
3: {id: 4, title: 'Wooden Table', price: 1999}
4: {id: 5, title: 'Dining Table', price: 2499}
5: {id: 6, title: 'Entertainment Center', price: 3999}
6: {id: 7, title: 'Albany Sectional', price: 4999}
7: {id: 8, title: 'Sofa Set', price: 6999}
8: {id: 9, title: 'Utopia Sofa', price: 7999}
9: {id: 10, title: 'Modern Bookshelf', price: 8999}
10: {id: 11, title: 'Albany Table', price: 9999}
11: {id: 12, title: 'Leather Sofa', price: 10999}
length: 12
[[Prototype]: Array(0)]
```

=> Show how to get supabase-js to create supabase client

The screenshot shows a code editor interface with two tabs open: `w10_product_sup4_43.html` and `clientSupabase.js`.

File Structure:

- 1132-1-DEMO-43**
 - demo**
 - md**
 - w10_sup4_43**
 - w10_sup4_43.md**
 - w01_dom_43**
 - w02_dom_43**
 - w02_tictactoe_43**
 - w03_basics_43**
 - w03_tictactoe_43**
 - w04_basics_43**
 - w05_basics_43**
 - w06_prep_tests_43**
 - w10_mid1_m3_43**
 - w10_product_...**
 - css**
 - images**
 - js**
 - clientSupabase.js**
 - product_43.sql**
 - product_s... M**
 - products_data...**
 - product_sup4_43...**
 - exams**
 - js**
 - node_modules**
 - scss**
 - webfonts**
 - .gitignore**
 - index.html**
 - nx.json**
 - package-lock.json**
 - package.json**
 - README.md**
- OUTLINE**
- TIMELINE**
- ILSPY: ASSEMBLIES**

Code Editor Content:

clientSupabase.js:

```
const SUPABASE_URL = "https://svqgkzibzhmlynbzd.supabase.co";
const SUPABASE_ADMIN_KEY =
  "eyJhbGciOiJIUzI1NiIsInR5cC16IkpxVCJ9.eyJpc3MiOiJzdX8hMfZ2SiisInJ
export const supabase = supabase.createClient(
  SUPABASE_URL,
  SUPABASE_ADMIN_KEY
);
```

w10_product_sup4_43.html:

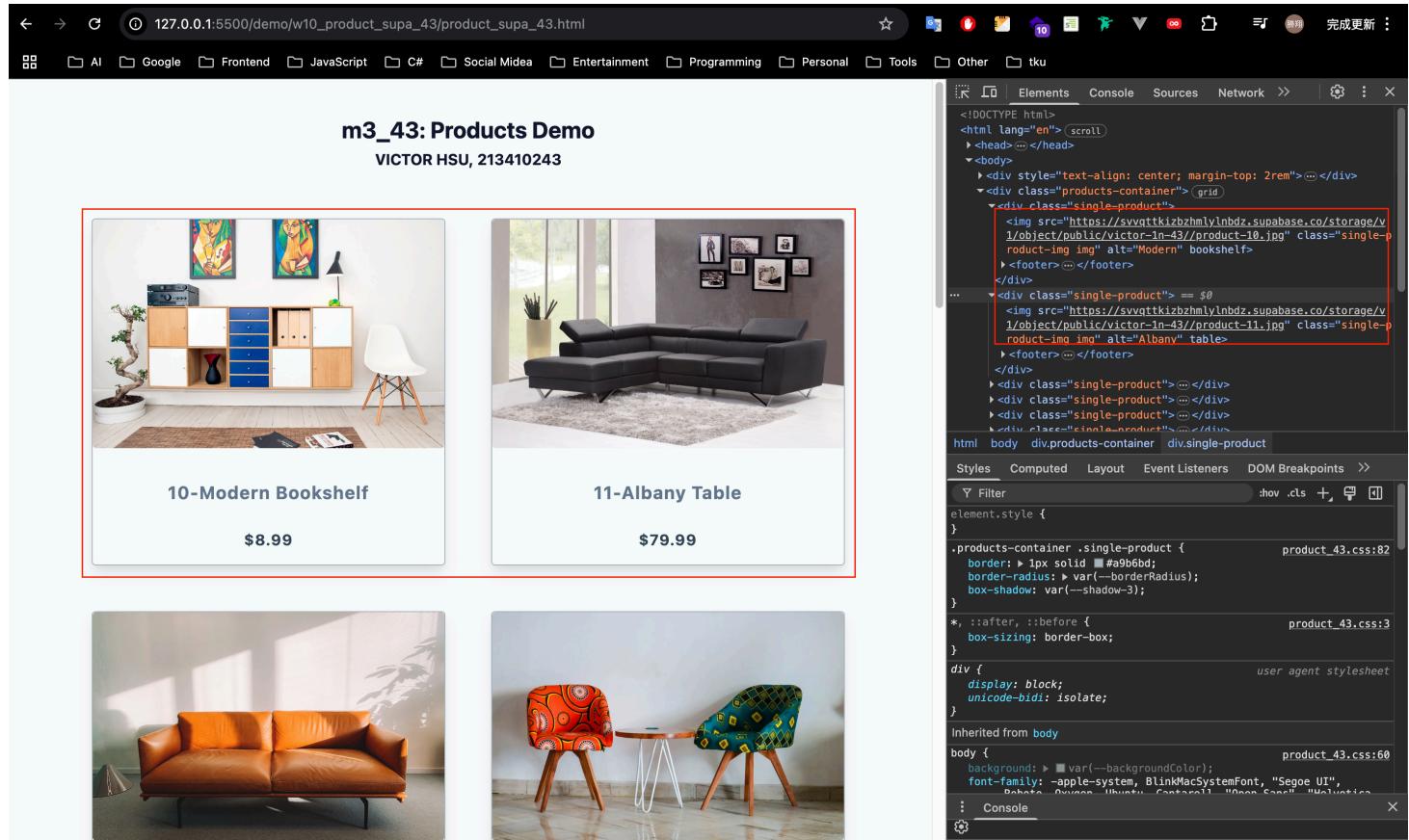
```
You, 8 minutes ago | author (You)  
You, 8 minutes ago • W10-P1: Copy mid1 m3_43 answer and rearrange  
1 >  
2 >  
3 >  
4 > charset="UTF-8" />  
5 > viewport" content="width=device-width, initial-scale=1.0" />  
6 > <title>Products Demo</title>  
7 > stylesheet" href="./css/product_43.css" />  
8 >  
9 >  
10 >  
11 > 'text-align: center; margin-top: 2rem'  
12 > : Products Demo</h2>  
13 > "margin-top: -1.5rem">VICTOR HSU, 213418243</h2>  
14 >  
15 >  
16 > 'products-container'></div>  
17 > = "module" src="https://cdn.jsdelivr.net/npm/@supabase/supabase-js"  
18 > = "module" src="./js/product_43.js"></script>  
19 >  
20 >  
21 >
```

df4be01 victor_xu Sun Apr 27 18:29:46 2025 +0800

W10-P3: Get 12 products from Supaba

W10-P4: Upload 12 images to Supabase storage and show these remote images

=> show the first two images are from Supabase storage



m3_43: Products Demo
VICTOR HSU, 213410243

10-Modern Bookshelf
\$8.99

11-Albany Table
\$79.99

```
<!DOCTYPE html>
<html lang="en"> <!-->
  <head> ... </head>
  <body>
    <div style="text-align: center; margin-top: 2rem"> ... </div>
    <div class="products-container" style="grid">
      <div class="single-product">
        
        <div style="display: flex; justify-content: space-between; align-items: center; padding: 10px; background-color: #f0f0f0; border: 1px solid #e0e0e0; border-radius: 10px; margin-top: 10px">
          <div style="flex-grow: 1; text-align: center; font-weight: bold; font-size: 1.2em; margin-bottom: 10px">10-Modern Bookshelf</div>
          <div style="font-size: 0.9em; margin-bottom: 10px">$8.99</div>
          <div style="font-size: 0.8em; margin-bottom: 10px">Add to Cart</div>
          <div style="font-size: 0.8em; margin-bottom: 10px">Buy Now</div>
        </div>
      </div>
      <div class="single-product">
        
        <div style="display: flex; justify-content: space-between; align-items: center; padding: 10px; background-color: #f0f0f0; border: 1px solid #e0e0e0; border-radius: 10px; margin-top: 10px">
          <div style="flex-grow: 1; text-align: center; font-weight: bold; font-size: 1.2em; margin-bottom: 10px">11-Albany Table</div>
          <div style="font-size: 0.9em; margin-bottom: 10px">$79.99</div>
          <div style="font-size: 0.8em; margin-bottom: 10px">Add to Cart</div>
          <div style="font-size: 0.8em; margin-bottom: 10px">Buy Now</div>
        </div>
      </div>
    </div>
    <div style="text-align: center; margin-top: 2rem"> ... </div>
  </body>
</html>
```

=> show remote_img in product_43 table

The screenshot shows the Supabase Storage dashboard. On the left, there's a sidebar with icons for Home, Storage, New bucket, Search buckets..., Configuration, Policies, Settings, and a gear icon. The main area has a breadcrumb navigation bar: supabase.com/dashboard/project/svvqtkizbzmllylnbdz/storage/buckets/victor-1n-43. Below this is a search bar with 'victor_1n_43' and a 'Connect' button. A 'Enable branching' toggle is also present.

The central part of the interface shows a list of files in the 'victor-1n-43' bucket:

- product-10.jpg
- product-11.jpg
- product-12.jpg
- product-1.jpg** (highlighted with a red box)
- product-2.jpg
- product-3.jpg
- product-4.jpg
- product-5.jpg
- product-6.jpg
- product-7.jpg
- product-8.jpg
- product-9.jpg

To the right of the file list, there's a preview of the 'product-1.jpg' image, which shows two colorful stools with patterned fabric covers. Below the preview, detailed information about the file is provided:

product-1.jpg
image/jpeg - 61.39 KB

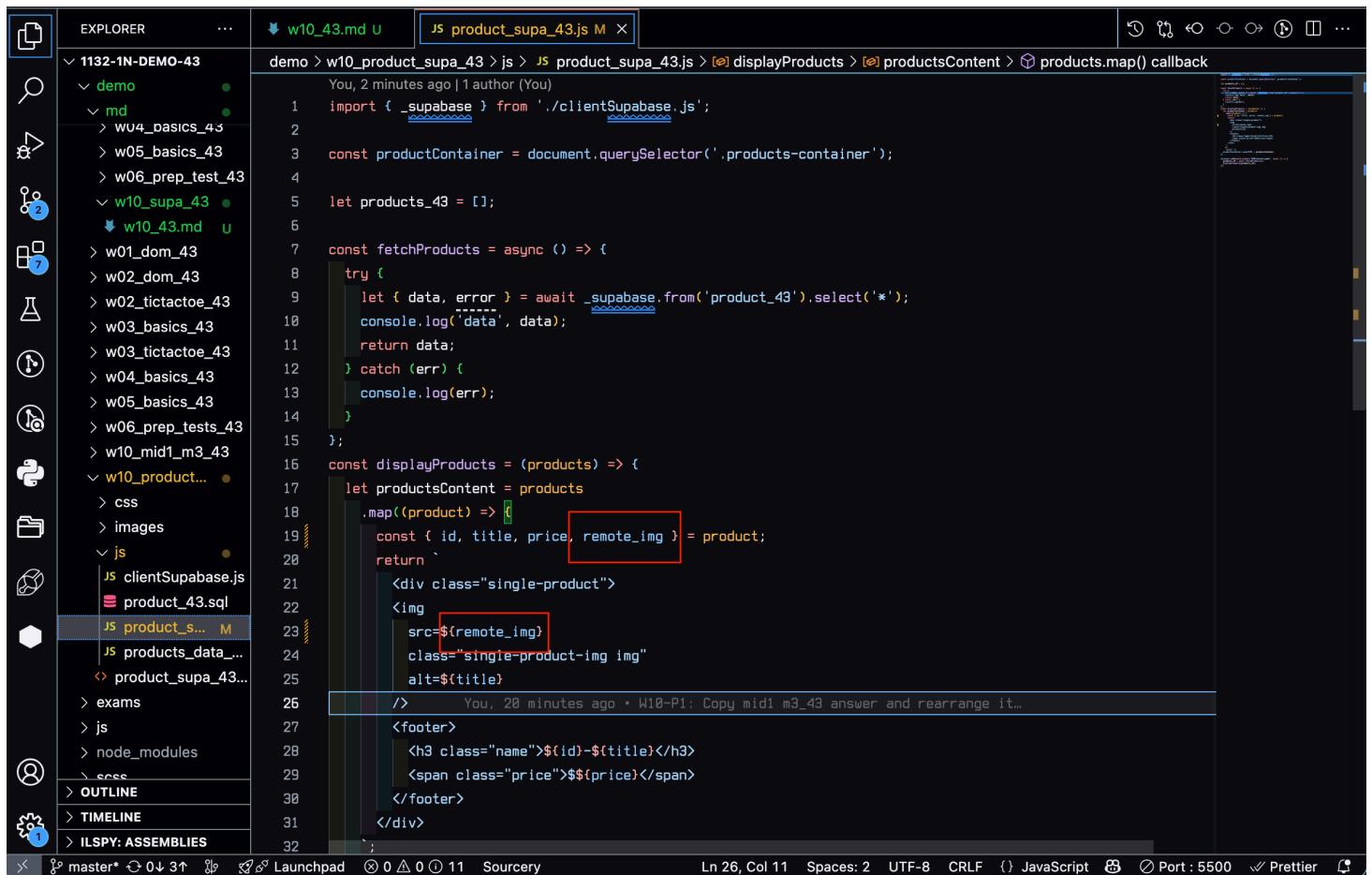
Added on
2025/4/27 下午6:32:31

Last modified
2025/4/27 下午6:32:31

Buttons for Download and Get URL (the 'Get URL' button is highlighted with a red box).

At the bottom, there's a 'Delete file' button.

=> show the js code to use remote_img instead of img



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

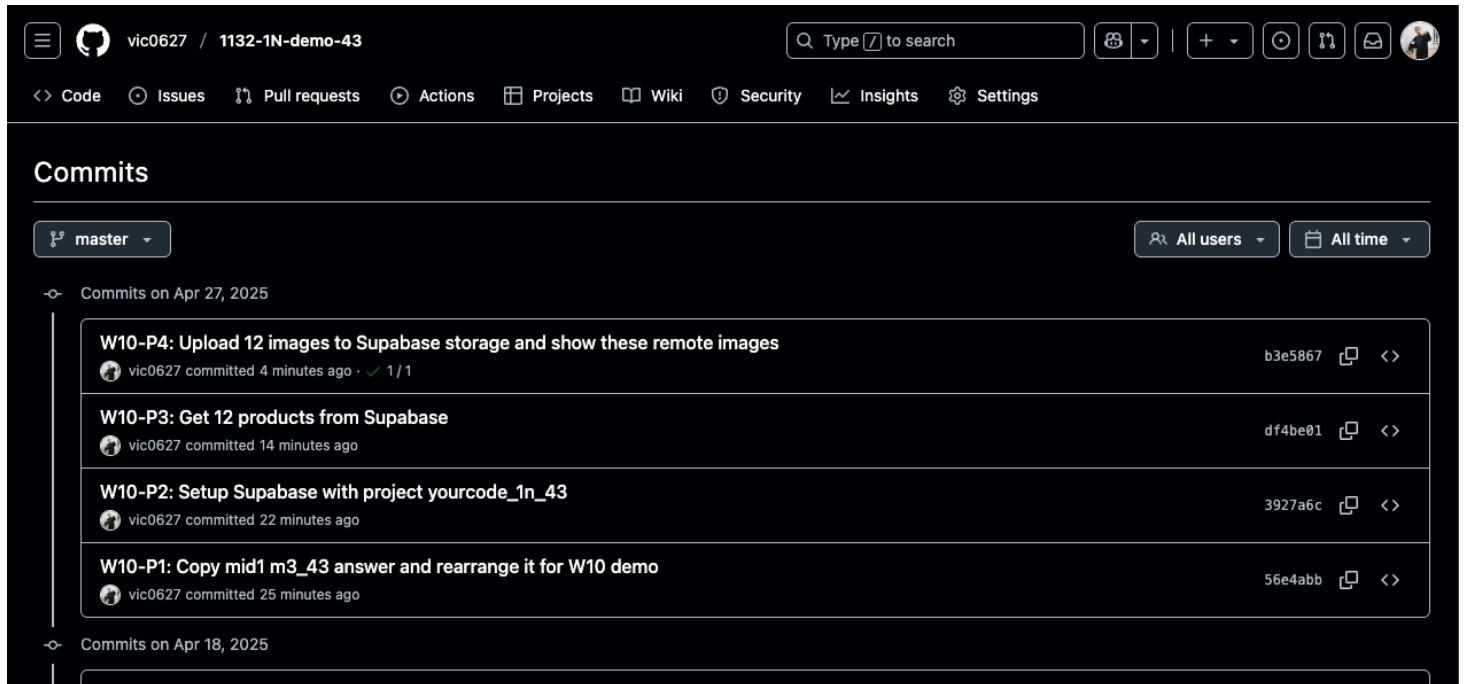
- Explorer View:** Shows a project structure for "1132-1N-DEMO-43" with several sub-folders like "demo", "w04_basics_43", "w05_basics_43", etc., and files like "w10_43.md", "clientSupabase.js", "product_43.sql", and "product_supabase_43.js".
- Code Editor:** The file "product_supabase_43.js" is open. The code uses the Supabase client to fetch products from a database and display them in a list. A specific line of code is highlighted:

```
src=${remote_img}
```

This line is part of a template literal where "remote_img" is a variable extracted from a product object.
- Bottom Status Bar:** Shows the current branch ("master"), commit count (0), file count (3), and other repository details.

b3e5867 victor_xu Sun Apr 27 18:39:54 2025 +0800 W10-P4: Upload 12 images to Supabase

W10-logs: git logs of W10



The screenshot shows the GitHub repository interface for "1132-1N-demo-43" with the "master" branch selected. The commit history is as follows:

- W10-P4: Upload 12 images to Supabase storage and show these remote images** (commit b3e5867) - Committed 4 minutes ago by vic0627.
- W10-P3: Get 12 products from Supabase** (commit df4be01) - Committed 14 minutes ago by vic0627.
- W10-P2: Setup Supabase with project yourcode_1n_43** (commit 3927a6c) - Committed 22 minutes ago by vic0627.
- W10-P1: Copy mid1 m3_43 answer and rearrange it for W10 demo** (commit 56e4abb) - Committed 25 minutes ago by vic0627.