

Template 4

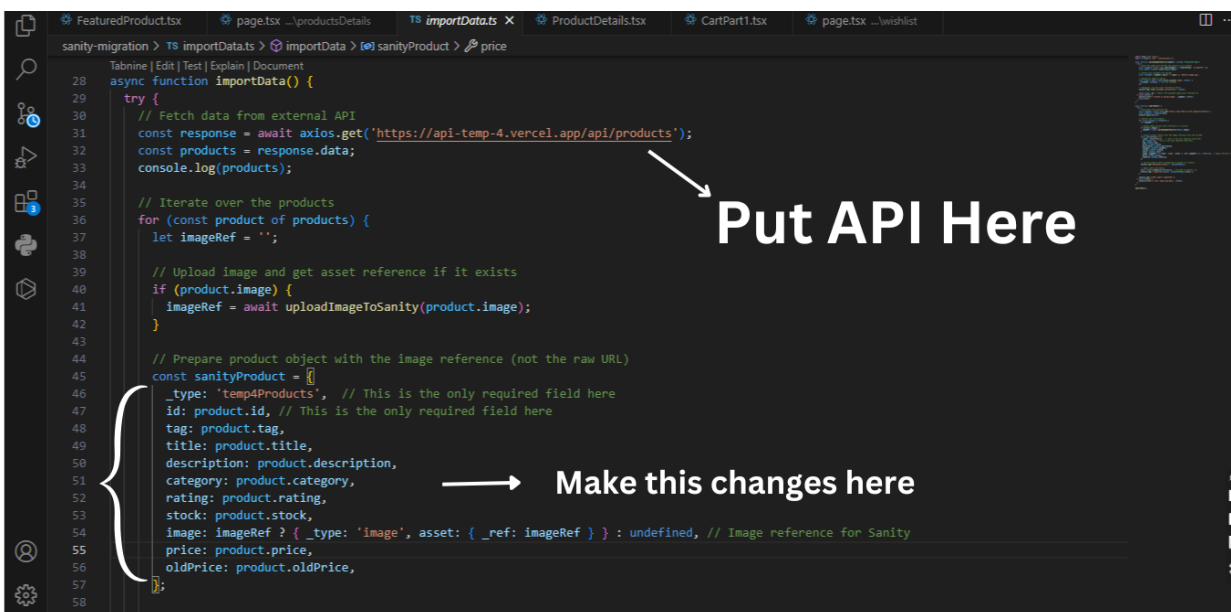
API : api-temp-4.vercel.app/api/products

First clone repository of Sir Ali Jawwad and then make some changes in code as following:

Repository : <https://github.com/jawwad-ali/sanity-migration>

Run command: `cd sanity-migration`

Changes in code of `importData.ts` file



The screenshot shows the `importData.ts` file in a VS Code editor. The code is as follows:

```
28 async function importData() {
29   try {
30     // Fetch data from external API
31     const response = await axios.get('https://api-temp-4.vercel.app/api/products');
32     const products = response.data;
33     console.log(products);
34   }
35   // Iterate over the products
36   for (const product of products) {
37     let imageRef = '';
38
39     // Upload image and get asset reference if it exists
40     if (product.image) {
41       imageRef = await uploadImageToSanity(product.image);
42     }
43
44     // Prepare product object with the image reference (not the raw URL)
45     const sanityProduct = {
46       _type: 'temp4Products', // This is the only required field here
47       id: product.id, // This is the only required field here
48       tag: product.tag,
49       title: product.title,
50       description: product.description,
51       category: product.category,
52       rating: product.rating,
53       stock: product.stock,
54       image: imageRef ? { _type: 'image', asset: { _ref: imageRef } } : undefined, // Image reference for Sanity
55       price: product.price,
56       oldPrice: product.oldPrice,
57     };
58   }
59 }
```

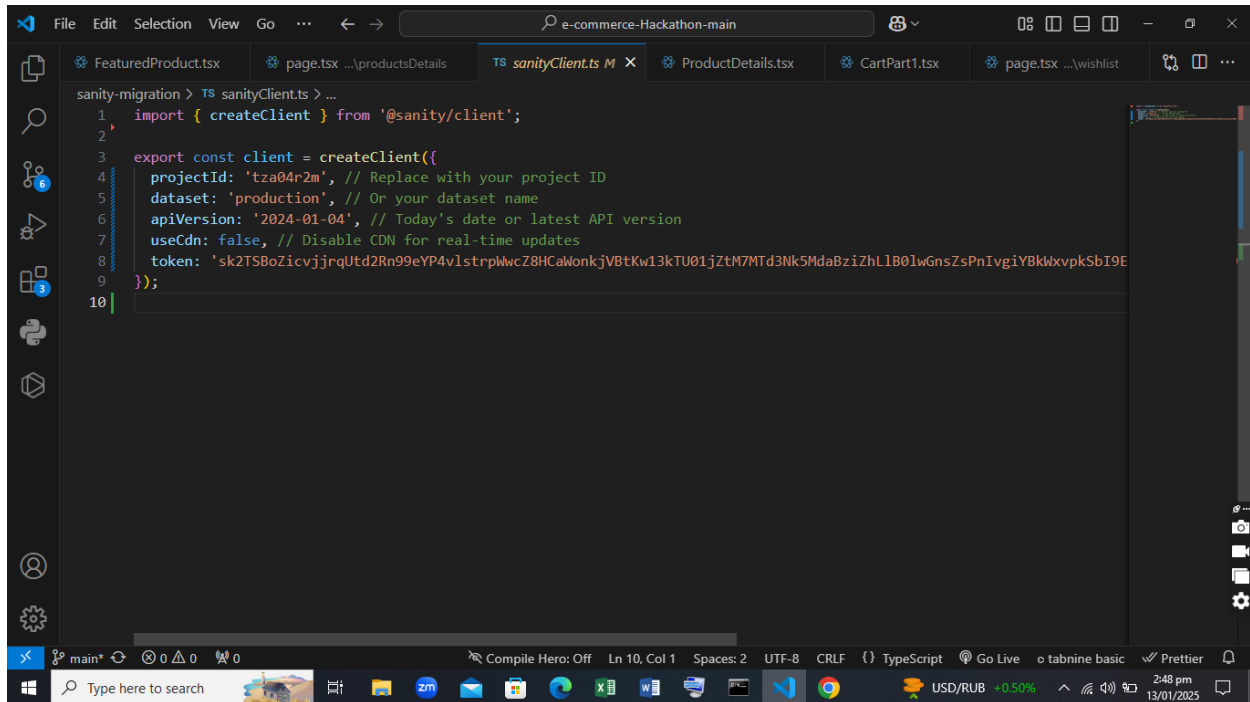
Annotations in the image:

- An arrow points to the API URL `'https://api-temp-4.vercel.app/api/products'` with the text **Put API Here**.
- A bracket on the right side of the `sanityProduct` object (lines 45-56) is accompanied by the text **Make this changes here**.

Then run command to compile it using command:

tsc importData.ts

Then make changes in sanityClient.ts file



```
1 import { createClient } from '@sanity/client';
2
3 export const client = createClient({
4   projectId: 'tza04r2m', // Replace with your project ID
5   dataset: 'production', // Or your dataset name
6   apiVersion: '2024-01-04', // Today's date or latest API version
7   useCdn: false, // Disable CDN for real-time updates
8   token: 'sk2TSBoZicvjrrqUtd2Rn99eYP4vlstrpWwcz8HCaWnkjVBtKw13kTU01jZtM7MTd3Nk5MdaBziZhL1B0lwGnsZsPnIvgiYBklwvpkSbI9E',
9 });
10
```

Add your project id and token here then compile it with command: tsc
sanityClient.ts

Then create schema:

```
export default {
  name: 'temp4Products',
  title: 'Temp 4 Product',
  type: 'document',
  fields: [
    {
      name: 'id',
      title: 'Product ID',
```

```
    type: 'number',
  },
  {
    name: 'tag',
    title: 'Tag',
    type: 'string',
  },
  {
    name: 'title',
    title: 'Title',
    type: 'string',
  },
  {
    name: 'description',
    title: 'Description',
    type: 'text',
  },
  {
    name: 'category',
    title: 'Category',
    type: 'string',
  },
  {
    name: 'rating',
    title: 'Rating',
    type: 'number',
  },
  {
    name: 'stock',
    title: 'Stock',
    type: 'number',
  },
  {
    name: 'image',
    title: 'Image ',
    type: 'image',
  },
  {
    name: 'price',
    title: 'Price',
    type: 'number',
  },
  {
    name: 'oldPrice',
```

```
        title: 'Old Price',
        type: 'number',
      },
    ],
  };
```

Add schema in index.ts and then run command to push data in sanity

Command: `tsc && node importData.js`

Then fetch data with this query

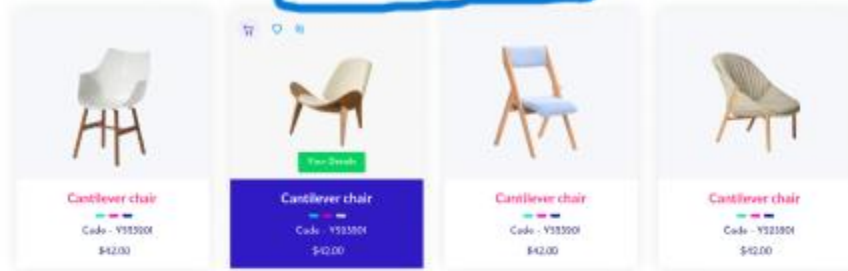
```
const query = await client.fetch(
  `*[_type == "temp4Products" && tag == "Featured Products"]{
    _id,
    id,
    tag,
    title,
    description,
    category,
    rating,
    stock,
    price,
    oldPrice,
    "imageUrl": image.asset->url
  }`
);
```

Fetch data with following tag:

- 1, Featured Products
- 2, Leatest Products
- 3, Trending Products
- 4, Top Categories

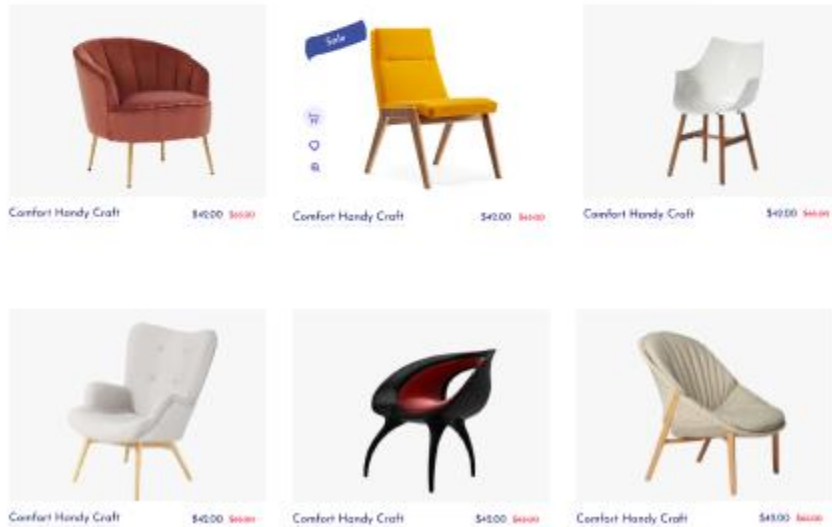
5, Shop

Featured Products



Leatest Products

[New Arrival](#) [Best Seller](#) [Featured](#) [Special Offer](#)



Tag == “Shop”

