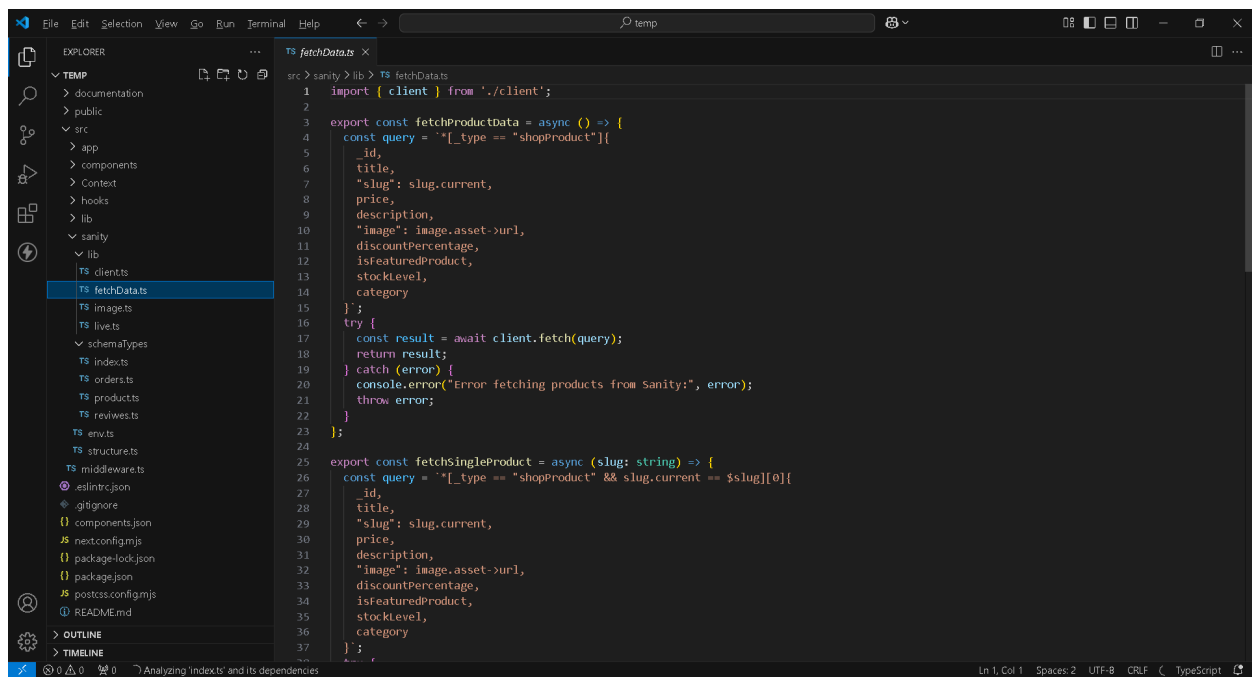


# Day 3


## 1. Importing the data from API



```
1 import { client } from './client';
2
3 export const fetchProductData = async () => {
4   const query = `[_type == "shopProduct"]{
5     _id,
6     title,
7     "slug": slug.current,
8     price,
9     description,
10    "image": image.asset->url,
11    discountPercentage,
12    isFeaturedProduct,
13    stockLevel,
14    category
15  }`;
16  try {
17    const result = await client.fetch(query);
18    return result;
19  } catch (error) {
20    console.error("Error fetching products from sanity:", error);
21    throw error;
22  }
23 };
24
25 export const fetchSingleProduct = async (slug: string) => {
26   const query = `[_type == "shopProduct" && slug.current == ${slug}][0]{
27     _id,
28     title,
29     "slug": slug.current,
30     price,
31     description,
32     "image": image.asset->url,
33     discountPercentage,
34     isFeaturedProduct,
35     stockLevel,
36     category
37   }`;
38 }
```

---

## 2. I create api utility file {*sanityClient.ts*}



```
1 import { createClient } from 'next-sanity'
2
3
4 export const client = createClient(
5   {
6     projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
7     dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
8     apiVersion: '2023-05-03',
9     useCdn: false,
10  })
11
```

## 3. ADDING SCHEMA

```
TS products.ts X
src > sanity > schemaTypes > TS products.ts > [e] default > ⚙ fields
1  import { defineType } from "sanity"
2
3  export default defineType({
4    name: 'products',
5    title: 'Products',
6    type: 'document',
7    fields: [
8      {
9        name: 'name',
10       title: 'Name',
11       type: 'string',
12     },
13     {
14       name: 'price',
15       title: 'Price',
16       type: 'number',
17     },
18     {
19       name: 'description',
20       title: 'Description',
21       type: 'text',
22     },
23     {
24       name: 'image',
25       title: 'Image',
26       type: 'image',
27     },
28   ]
29 }
```

## 4. Schema adjustment

### .)Fields

---

```
{
```

```
  name : "product"
```

```
  description : "product type details"
```

```
  image : "imageUrl"
```

```
  price : "price"
```

```
}
```

What i did:

- 1 ) added data from sanity
- 2) API fetching
- 3) frontend rendering
- 4) created Schema