

My GitHub URL

W12-P1:Setup Prisma PostgreSQL with simple Product schema

=> **npx prisma init --db**

The screenshot shows the VS Code editor with the `schema.prisma` file open. The `env` file is also visible, containing the `DATABASE_URL` variable. The terminal shows the output of the `npx prisma init --db` command, which successfully sets up the Prisma PostgreSQL database. The Prisma console on the right shows the project name `prostore-shiuan-24` and the database URL `prisma+postgres://accelerate.prisma-data.net/?api_key=eyJ...`.

=> **npx prisma migrate dev --name init**

The screenshot shows the VS Code editor with the `migrations` folder open. The `migration.sql` file is open, showing the SQL commands to create the `Product` table. The Prisma console on the right shows the migration results, including the table structure and the fact that there are no rows in the table.

90b2adb shiuanling Wed May 7 19:10:24 2025 +0800 W12-P1:Setup Prisma PostgreSQL with simple Product schema

W12-P2: Do insert, get, delete operations on Product table

=> create data from sample-data.ts

The screenshot shows a VS Code editor with the following files open:

- `product-crud-tests.ts`: Contains a `main` function that calls `createProducts` and `getProducts`.
- `sample-data.ts`: Contains a `sampleData` object with an array of product objects.

The `sampleData` object is defined as:

```
const sampleData = {
  products: [
    {
      name: 'Polo Sporting Stretch',
      slug: 'polo-sporting-stretch',
      category: 'Men's Dress shirt',
      description: 'Classic Polo s',
      images: [
        '/images/sample-products/p',
        '/images/sample-products/p'
      ],
      price: 59.99,
      brand: 'Polo',
      rating: 4.5,
      numReviews: 10,
      stock: 5,
      isFeatured: true,
      banner: 'banner-1.jpg',
    },
    {
      name: 'Brooks Brothers Long',
      slug: 'brooks-brothers-long',
      category: 'Men's Dress shirt',
      description: 'Timeless style',
      images: [
        '/images/sample-products/p',
        '/images/sample-products/p'
      ],
      price: 85.9,
      brand: 'Brooks Brothers',
      rating: 4.2,
      numReviews: 8,
    }
  ]
}
```

The web browser at `localhost:5555` shows the `Product` table with the following data:

id	name	slug
449a55d7-9dad-43ad-a32c-	Calvin Klein Slim Fit S...	calvin-klein-slim-fit
8765364e-d652-46ba-943b-	Polo Classic Pink Hoodie	polo-classic-pink-hoc
b82f018f-4b2b-4a48-9a3c-	Polo Ralph Lauren Oxfor...	polo-ralph-lauren-oxf
b84cdc3d-584f-4b19-bde1-	Tommy Hilfiger Classic ...	tommy-hilfiger-classi
df6bffb2-8937-41e4-94a5-	Polo Sporting Stretch S...	polo-sporting-stretch
ec260ad6-5d04-43ec-aa7e-	Brooks Brothers Long S1...	brooks-brothers-long-

=> get all products from Product table

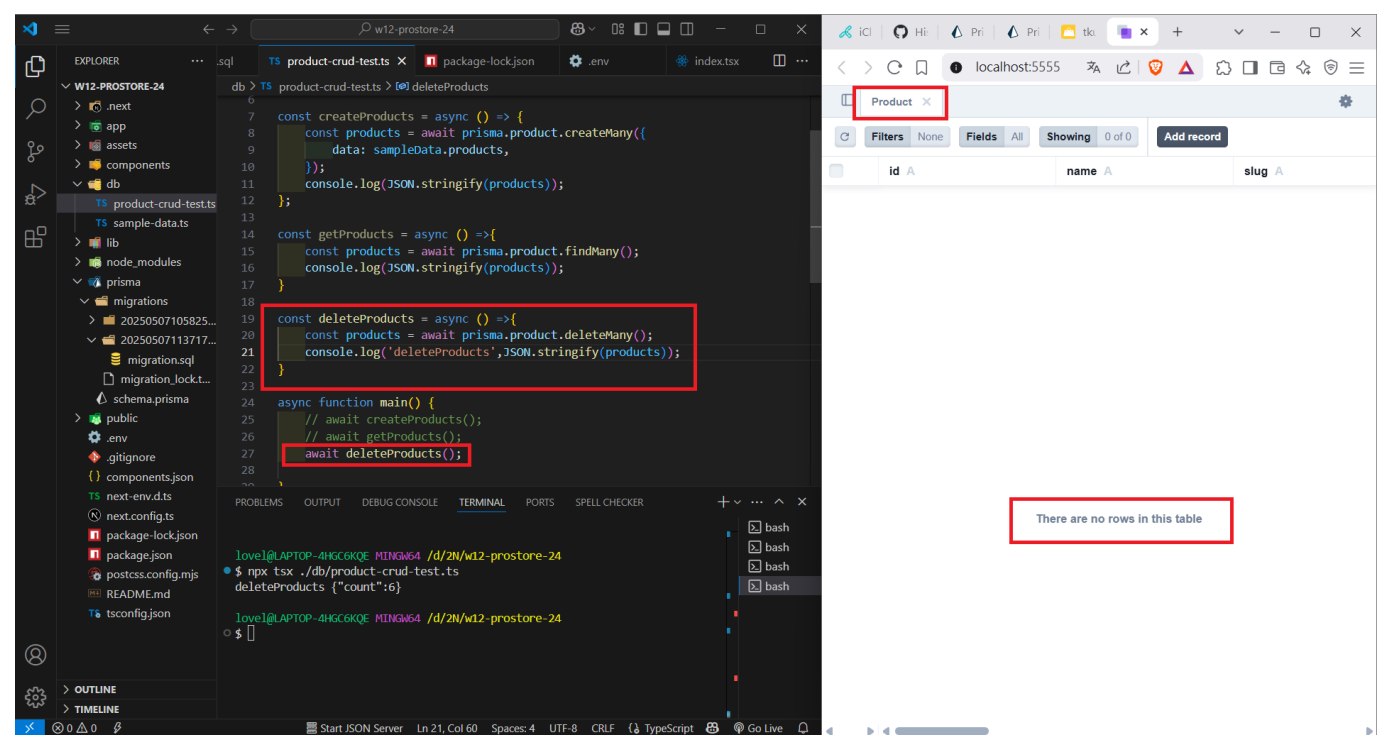
The screenshot shows the VS Code editor with the `product-crud-tests.ts` file open. The `main` function is updated to call `getProducts` and log the results:

```
async function main() {
  // await createProducts();
  await getProducts();
}
```

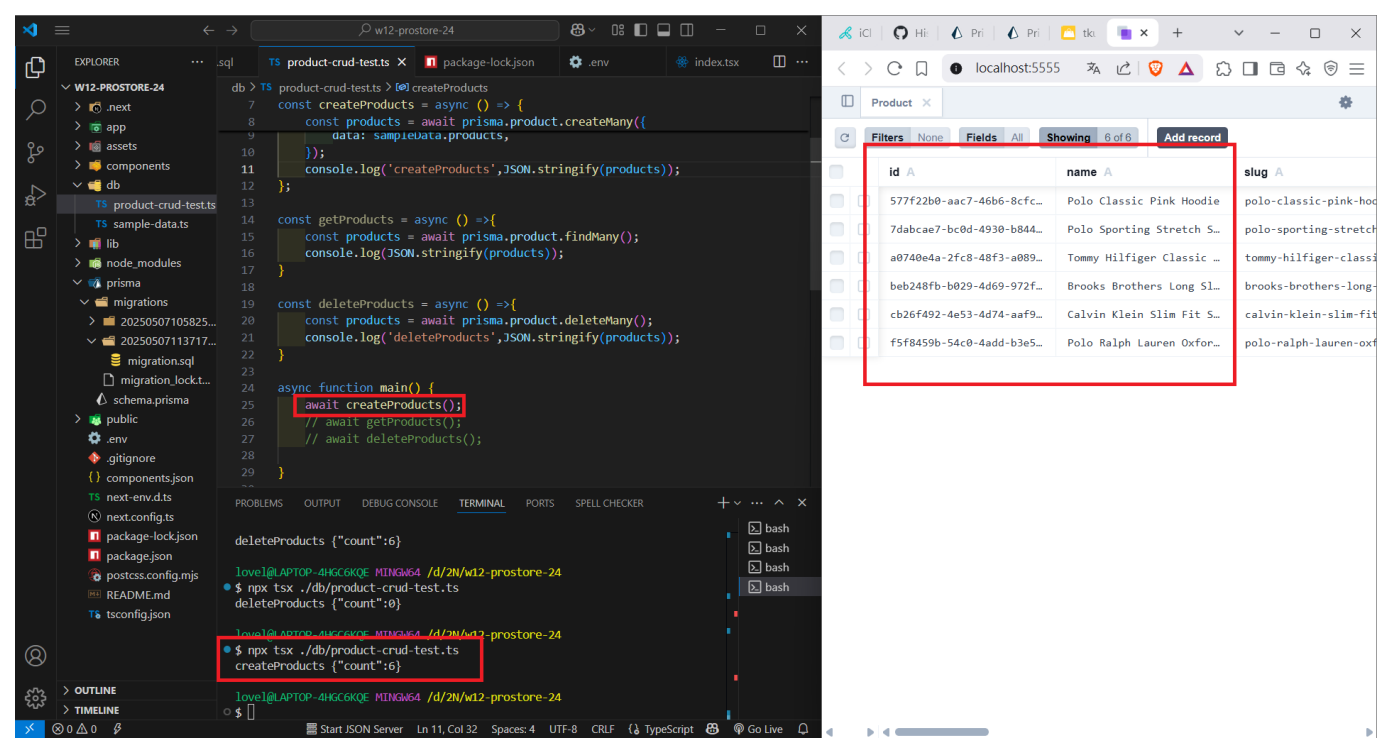
The web browser at `localhost:5555` shows the `Product` table with the same data as before, but the `id` values are highlighted in red:

id	name	slug
449a55d7-9dad-43ad-a32c-	Calvin Klein Slim Fit S...	calvin-klein-slim-fit
8765364e-d652-46ba-943b-	Polo Classic Pink Hoodie	polo-classic-pink-hoc
b82f018f-4b2b-4a48-9a3c-	Polo Ralph Lauren Oxfor...	polo-ralph-lauren-oxf
b84cdc3d-584f-4b19-bde1-	Tommy Hilfiger Classic ...	tommy-hilfiger-classi
df6bffb2-8937-41e4-94a5-	Polo Sporting Stretch S...	polo-sporting-stretch
ec260ad6-5d04-43ec-aa7e-	Brooks Brothers Long S1...	brooks-brothers-long-

=> delete all products from Product table



=> create data from sample-data.ts again

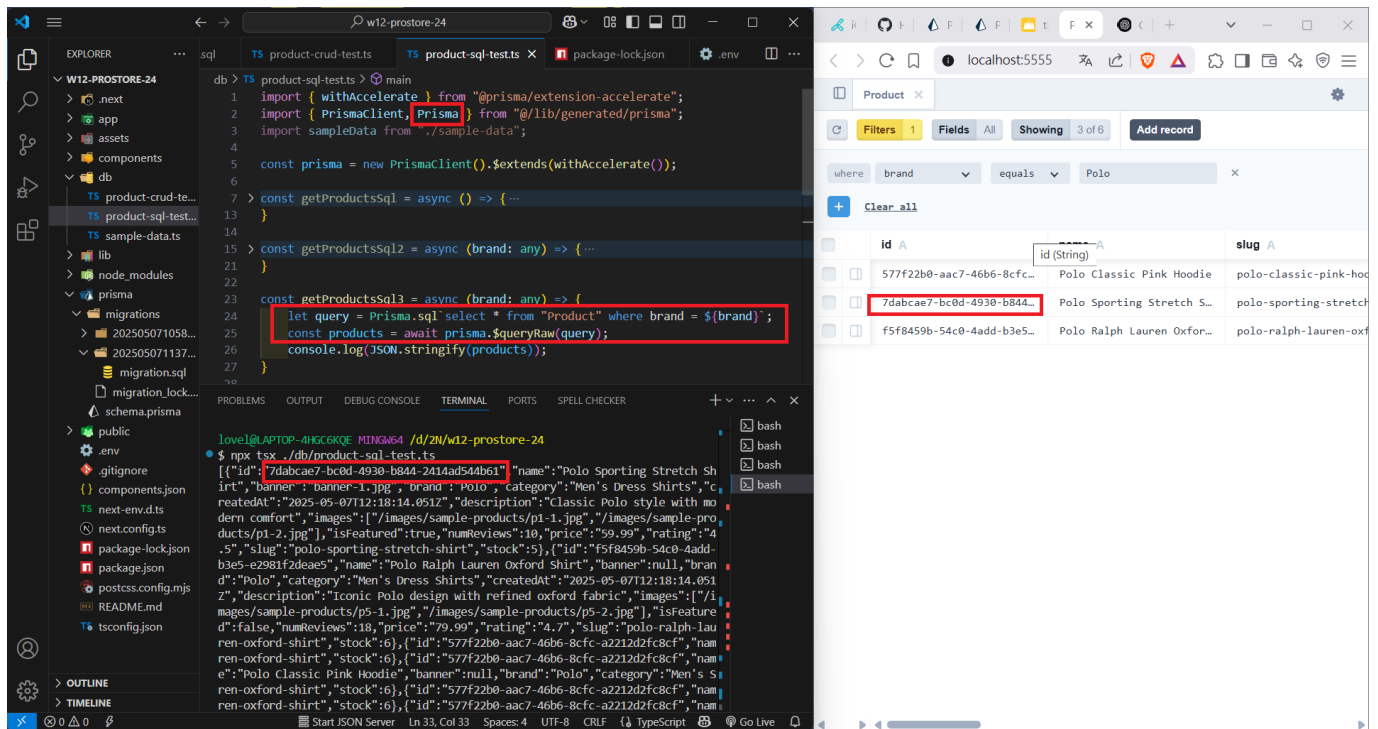


cdafd097 shiuanling Wed May 7 20:25:18 2025 +0800 W12-P2:Do insert, get, delete operations on Product table

W12-P3:Use SQL to get products

=> get all products



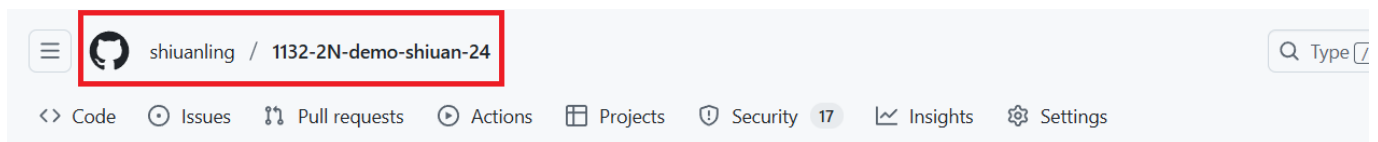


b37258d shiuanling
products

Wed May 7 21:07:35 2025 +0800

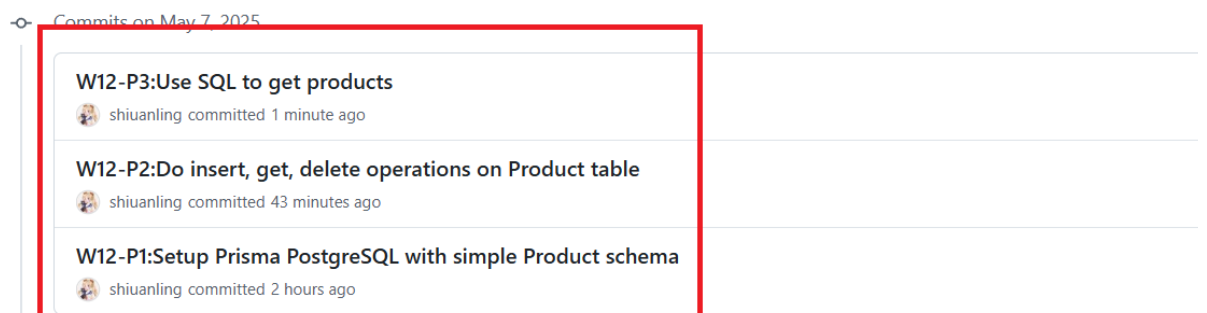
W12-P3:Use SQL to get

W12-P4: W12 git logs



Commits

History for 1132-2N-demo-shiuan-24 / demo / md on [main](#)



18a6994 shiuanling

Wed May 7 21:09:54 2025 +0800

W12-P4: W12 git logs

b37258d shiuanling
products

Wed May 7 21:07:35 2025 +0800

W12-P3: Use SQL to get

```
cd fd097 shiuanling
delete operations
```

Wed May 7 20:25:18 2025 +0800

W12-P2:Do insert, get,

90b2adb shiuanling

Wed May 7 19:10:24 2025 +0800

W12-P1: Setup Prisma

PostgreSQL with simple Product schema

1c1aaca shiuanling Wed May 7 18:11:59 2025 +0800 renew w11