W011-P1: Midterm answer 6.a, 6.b

Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | postgres/postgres@SUPABASE* ✕

postgres/postgres@SUPABASE ∨

Query | Query History | Scratch Pad ✕

```
1  CREATE TABLE menu_71 (
2      id int NOT NULL PRIMARY KEY,
3      title varchar(255),
4      category varchar(255),
5      price real,
6      img varchar(255),
7      descrip varchar(255)
8  )
9
10 INSERT INTO menu_71 (id,title,category,price,img,descrip)
11 VALUES
12 (1,'buttermilk pancakes','breakfast','15.59','/menu/images/item-1.jpeg','Lo
13 (2,'diner double','dessert','3.99','/menu/images/item-2.jpeg','Lorem ipsum
14 (3,'godzilla milkshake','breakfast','3.99','/menu/images/item-3.jpeg','Lore
15 (4,'egg attack','breakfast','15.59','/menu/images/item-4.jpeg','Lorem ipsum
16 (5,'country delight','breakfast','15.59','/menu/images/item-5.jpeg','Lorem
17 (6,'buttermilk pancakes','breakfast','15.59','/menu/images/item-6.jpeg','Lo
18 (7,'oreo dream','breakfast','15.59','/menu/images/item-7.jpeg','Lorem ipsum
19 (8,'buttermilk pancakes','breakfast','15.59','/menu/images/item-8.jpeg','Lo
```

Data Output | Messages | Notifications

INSERT 0 9

Query returned successfully in 246 msec.

WARNING: You are allowing anonymous access to your table. Enable Row Level Security

id int4	title varchar	category varchar	price float4	img varchar	descrip varchar
1	buttermilk pancakes	breakfast	15.59	/menu/images/item-1.jpeg	Lorem ipsum dolor sit amet consecte
2	diner double	dessert	3.99	/menu/images/item-2.jpeg	Lorem ipsum dolor sit amet consecte
3	godzilla milkshake	breakfast	3.99	/menu/images/item-3.jpeg	Lorem ipsum dolor sit amet consecte
4	egg attack	breakfast	15.59	/menu/images/item-4.jpeg	Lorem ipsum dolor sit amet consecte
5	country delight	breakfast	15.59	/menu/images/item-5.jpeg	Lorem ipsum dolor sit amet consecte
6	buttermilk pancakes	breakfast	15.59	/menu/images/item-6.jpeg	Lorem ipsum dolor sit amet consecte
7	oreo dream	breakfast	15.59	/menu/images/item-7.jpeg	Lorem ipsum dolor sit amet consecte
8	buttermilk pancakes	breakfast	15.59	/menu/images/item-8.jpeg	Lorem ipsum dolor sit amet consecte
9	quarantine buddy	breakfast	15.59	/menu/images/item-9.jpeg	Lorem ipsum dolor sit amet consecte

W011-P2: Midterm answer 6.c, 7, 8

```js
 4
 5    results1 = await db.query(`select * from menu_71`);
 6    ole.log('All data:', JSON.stringify(results1.rows));
 7    results2 = await db.query(`select * from menu_71 where category = 'breakfast'`);
 8    ole.log('Breakfast data', JSON.stringify(results2.rows));
 9
10    (error){
11    ole.log(error);
12
13
14
15    ;
```

TERMINAL   PROBLEMS   OUTPUT   DEBUG CONSOLE   [>] bash + ⌄ ⊞ 🗑 ⋯ ∧ ✕

```
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
Connecting PostgreSQL database postgres on port 5432
Connecting local database postgres on port 5432
Web server running on port 5000
All data: [{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/ite
m-1.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia
 dignissimos ullam. E"},{"id":2,"title":"diner double","category":"dessert","price":3.99,"img":"/menu/images/
item-2.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas q
uia dignissimos ullam. E"},{"id":3,"title":"godzilla milkshake","category":"breakfast","price":3.99,"img":"/m
enu/images/item-3.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut i
usto quas quia dignissimos ullam. E"},{"id":4,"title":"egg attack","category":"breakfast","price":15.59,"img"
:"/menu/images/item-4.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores
ut iusto quas quia dignissimos ullam. E"},{"id":5,"title":"country delight","category":"breakfast","price":15
.59,"img":"/menu/images/item-5.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam
 dolores ut iusto quas quia dignissimos ullam. E"},{"id":6,"title":"buttermilk pancakes","category":"breakfas
t","price":15.59,"img":"/menu/images/item-6.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisici
ng elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":7,"title":"oreo dream","category":"brea
kfast","price":15.59,"img":"/menu/images/item-7.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipi
sicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":8,"title":"buttermilk pancakes","ca
tegory":"breakfast","price":15.59,"img":"/menu/images/item-8.jpeg","descrip":"Lorem ipsum dolor sit amet cons
ectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":9,"title":"quarantine
buddy","category":"breakfast","price":15.59,"img":"/menu/images/item-9.jpeg","descrip":"Lorem ipsum dolor sit
 amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"}]
Breakfast data [{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/image
s/item-1.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas
 quia dignissimos ullam. E"},{"id":3,"title":"godzilla milkshake","category":"breakfast","price":3.99,"img":"
/menu/images/item-3.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut
 iusto quas quia dignissimos ullam. E"},{"id":4,"title":"egg attack","category":"breakfast","price":15.59,"im
g":"/menu/images/item-4.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolore
s ut iusto quas quia dignissimos ullam. E"},{"id":5,"title":"country delight","category":"breakfast","price":
15.59,"img":"/menu/images/item-5.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Qu
```

app.js M   apiMidprepRouter_xx.js U   apiMidtermRouter_71.js X   midprep_xx.js U   me X   +
outes > api > JS apiMidtermRouter_71.js > ...
t:5000/api/mid_71/menu_71

```javascript
6
7    //router.get('/menu_71/:category', async function (req, res, next) {});
8
9    router.get('/menu_71', async function(req, res, next) {
10       try {
11          let results = await db.query(`select * from menu_71`);
12          console.log('All data: ', JSON.stringify(results.rows));
13          res.json(results.rows);
14       }catch(error){
15          console.log(error);
16       }
17
18
19    });
20
21    router.get('menu_71/:category', async function (req ,res ,next) {})
22    module.exports = router;
23
```

lk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-1.jpeg","descrip":"Lorem ipsum dolor sit am
t. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":2,"title":"diner
c","price":3.99,"img":"/menu/images/item-2.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Q
mos ullam. E"},{"id":3,"title":"godzilla milkshake","category":"breakfast","price":3.99,"img":"/menu/images/item-
psum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":4,"titl
ast","price":15.59,"img":"/menu/images/item-4.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit
sum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},
{"id":5,"title":"country delight","category":"breakfast","price":15.59,"img":"/menu/images/ite
k pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-6.jpeg","descrip":"Lorem ipsum dolor sit ame
t. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":7,"title":"oreo
","price":15.59,"img":"/menu/images/item-7.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit.
dignissimos ullam. E"},{"id":8,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images
sum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},
buddy","category":"breakfast","price":15.59,"img":"/menu/images/item-9.jpeg","descrip":"Lorem ipsum dolor sit amet c
ores ut iusto quas quia dignissimos ullam. E"}]

TERMINAL   PROBLEMS   OUTPUT   DEBUG CONSOLE   >_ bash + ∨   ⊞ 🗑 ... ∧ ☐ X

buddy","category":"breakfast","price":15.59,"img":"/menu/images/item-9.jpeg","descrip":"Lorem ipsum dolor si
t amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"}]
GET /api/mid_71/menu_71 304 1093.614 ms - -
All data: [{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/it
em-1.jpeg","descrip":"lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas qui
a dignissimos ullam. E"},{"id":2,"title":"diner double","category":"dessert","price":3.99,"img":"/menu/images
/item-2.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas
quia dignissimos ullam. E"},{"id":3,"title":"godzilla milkshake","category":"breakfast","price":3.99,"img":"/
menu/images/item-3.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut
iusto quas quia dignissimos ullam. E"},{"id":4,"title":"egg attack","category":"breakfast","price":15.59,"img
":"/menu/images/item-4.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores
ut iusto quas quia dignissimos ullam. E"},{"id":5,"title":"country delight","category":"breakfast","price":1
5.59,"img":"/menu/images/item-5.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Qua
m dolores ut iusto quas quia dignissimos ullam. E"},{"id":6,"title":"buttermilk pancakes","category":"breakfa
st","price":15.59,"img":"/menu/images/item-6.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisic
ing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":7,"title":"oreo dream","category":"bre
akfast","price":15.59,"img":"/menu/images/item-7.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adip
isicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":8,"title":"buttermilk pancakes","c
ategory":"breakfast","price":15.59,"img":"/menu/images/item-8.jpeg","descrip":"Lorem ipsum dolor sit amet con
sectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":9,"title":"quarantine
buddy","category":"breakfast","price":15.59,"img":"/menu/images/item-9.jpeg","descrip":"lorem ipsum dolor si
t amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"}]
GET /api/mid_71/menu_71 200 1517.452 ms - 2043
GET /favicon.ico 404 9.800 ms - 1233

apiMidtermRouter_71.js X   JS midprep_xx.js U   JS midprep_test_xx.js U   JS mid
outes > api > JS apiMidtermRouter_71.js > ...
localhost:5000/api/mid_71/me   X   +
← → C ⓘ localhost:5000/api/mid_71/menu_71/breakfast

```javascript
6
7    //router.get('/menu_71/:category', async function (req, res, next) {
8
9    router.get('/menu_71', async function(req, res, next) {
10       try {
11          let results = await db.query(`select * from menu_71`);
12          //console.log('All data: ', JSON.stringify(results.rows));
13          res.json(results.rows);
14       }catch(error){
15          console.log(error);
16       }
17
18
19    });
20
21    router.get('/menu_71/:category', async function (req ,res ,next) {
22       let category = req.params.category;
23       try {
24          let results = await db.query(`select * from menu_71 where categ
25          //console.log('Category data', JSON.stringify(results.rows));
26          res.json(results.rows);
27       }catch(error){
28          console.log(error);
29       }
30    })
31    module.exports = router;
32
```

[{"id":1,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-1.jpeg","descrip":"Lorem ipsum dolor sit amet
consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":3,"title":"godzilla
milkshake","category":"breakfast","price":3.99,"img":"/menu/images/item-3.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam
dolores ut iusto quas quia dignissimos ullam. E"},{"id":4,"title":"egg attack","category":"breakfast","price":15.59,"img":"/menu/images/item-
4.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":5,"title":"count
delight","category":"breakfast","price":15.59,"img":"/menu/images/item-5.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam
dolores ut iusto quas quia dignissimos ullam. E"},{"id":6,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-
6.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},{"id":7,"title":"oreo
dream","category":"breakfast","price":15.59,"img":"/menu/images/item-7.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam
dolores ut iusto quas quia dignissimos ullam. E"},{"id":8,"title":"buttermilk pancakes","category":"breakfast","price":15.59,"img":"/menu/images/item-
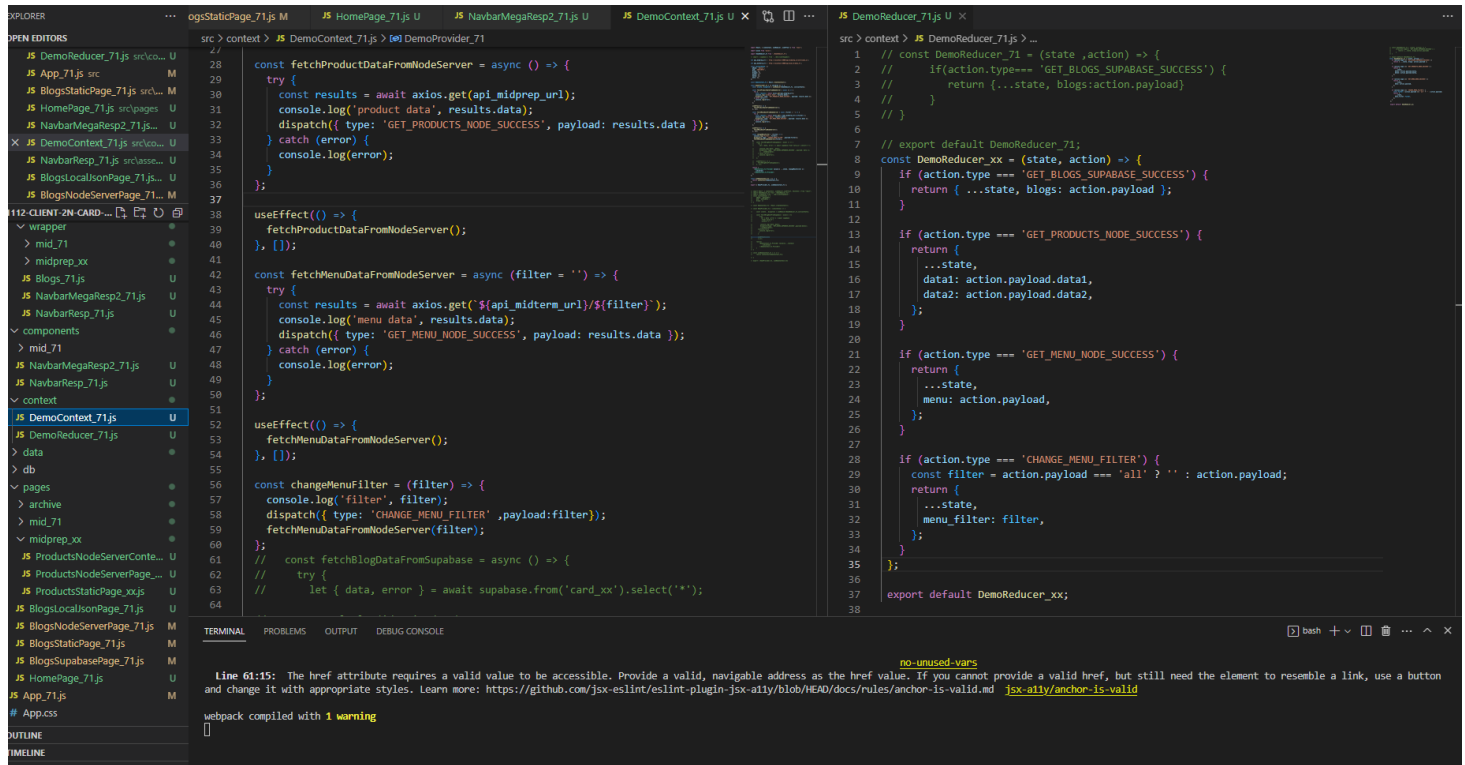8.jpeg","descrip":"Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"},
{"id":9,"title":"quarantine buddy","category":"breakfast","price":15.59,"img":"/menu/images/item-9.jpeg","descrip":"Lorem ipsum dolor sit amet consectetu
adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam. E"}]

TERMINAL   PROBLEMS   OUTPUT   DEBUG CONSOLE

GET /api/mid_71/menu_71/breakfast 404 12.847 ms - 1233
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
connecting PostgreSQL database postgres on port 5432
connecting local database postgres on port 5432
web server running on port 5000
GET /api/mid_71/menu_71/breakfast 200 1176.416 ms - 1822

W011-P3: Show Midprep answers of node server with context for rourte /midp_node_context_xx
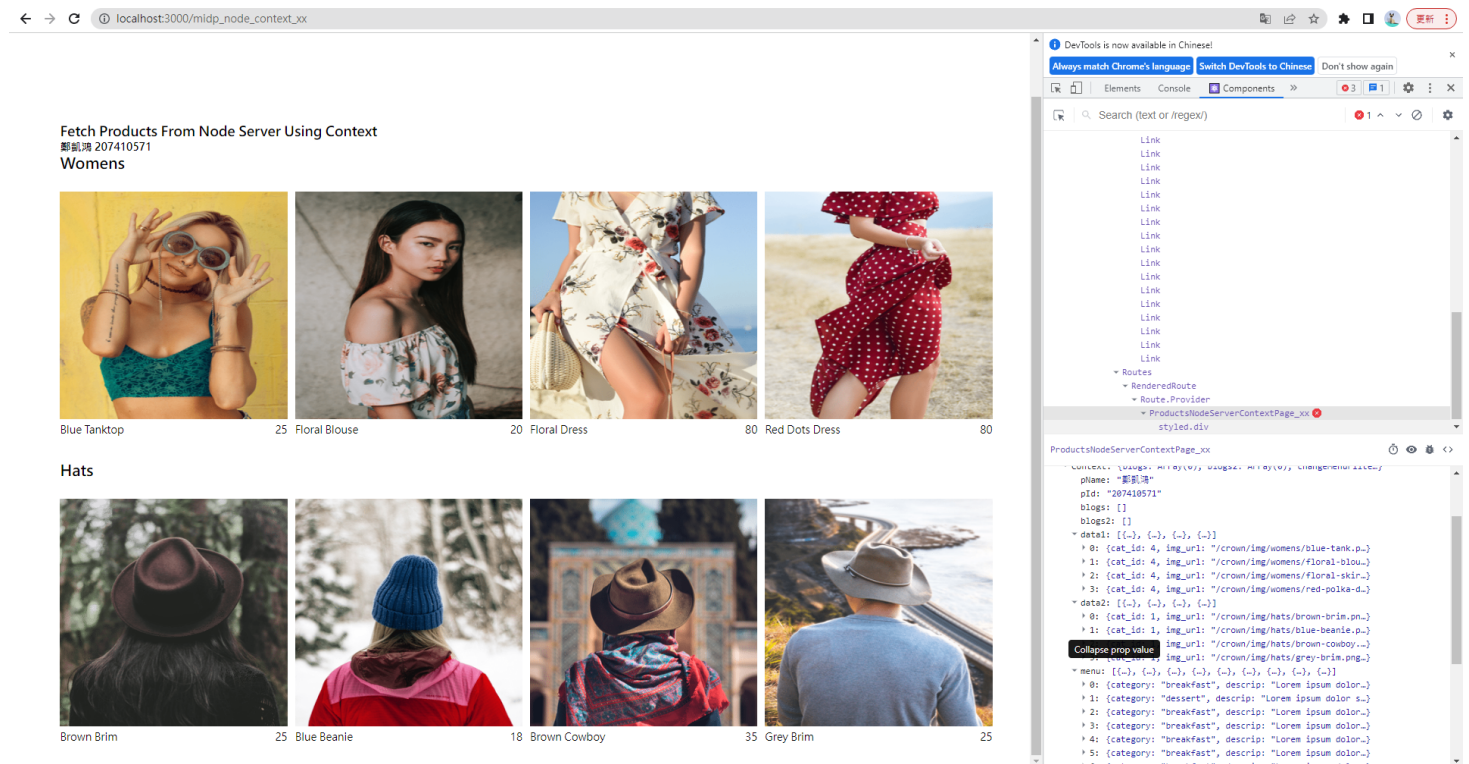
show how to get data1, data2 from api, and store with useContext and useReducer

DemoContext_71.js:

```js
const fetchProductDataFromNodeServer = async () => {
  try {
    const results = await axios.get(api_midprep_url);
    console.log('product data', results.data);
    dispatch({ type: 'GET_PRODUCTS_NODE_SUCCESS', payload: results.data });
  } catch (error) {
    console.log(error);
  }
};

useEffect(() => {
  fetchProductDataFromNodeServer();
}, []);

const fetchMenuDataFromNodeServer = async (filter = '') => {
  try {
    const results = await axios.get(`${api_midterm_url}/${filter}`);
    console.log('menu data', results.data);
    dispatch({ type: 'GET_MENU_NODE_SUCCESS', payload: results.data });
  } catch (error) {
    console.log(error);
  }
};

useEffect(() => {
  fetchMenuDataFromNodeServer();
}, []);

const changeMenuFilter = (filter) => {
  console.log('filter', filter);
  dispatch({ type: 'CHANGE_MENU_FILTER' ,payload:filter});
  fetchMenuDataFromNodeServer(filter);
};
//    const fetchBlogDataFromSupabase = async () => {
//        try {
//            let { data, error } = await supabase.from('card_xx').select('*');
```

DemoReducer_71.js:

```js
// const DemoReducer_71 = (state ,action) => {
//     if(action.type=== 'GET_BLOGS_SUPABASE_SUCCESS') {
//         return {...state, blogs:action.payload}
//     }
// }

// export default DemoReducer_71;
const DemoReducer_xx = (state, action) => {
  if (action.type === 'GET_BLOGS_SUPABASE_SUCCESS') {
    return { ...state, blogs: action.payload };
  }

  if (action.type === 'GET_PRODUCTS_NODE_SUCCESS') {
    return {
      ...state,
      data1: action.payload.data1,
      data2: action.payload.data2,
    };
  }

  if (action.type === 'GET_MENU_NODE_SUCCESS') {
    return {
      ...state,
      menu: action.payload,
    };
  }

  if (action.type === 'CHANGE_MENU_FILTER') {
    const filter = action.payload === 'all' ? '' : action.payload;
    return {
      ...state,
      menu_filter: filter,
    };
  }
};

export default DemoReducer_xx;
```

show how to get data1, data2 from context in ProductsNodeServerContextPage_xx

ProductsNodeServerContextPage_xx.js:

```js
import { useState, useEffect } from 'react';

// import axios from 'axios';

import Wrapper from '../../assets/wrapper/midprep_xx/Products_scss_xx';

import { useDemoContext_71 } from '../../context/DemoContext_71';

// import Wrapper from '../../assets/wrapper/midprep_xx/Products_css_xx';

// import blogsData from '../data/blogData2_xx';

// let api_url = `http://localhost:5000/api/midprep_xx/overview2_xx`;

// let api_url = `https://one112-server-card-demo-xx.onrender.com/api/card2_xx`;

const ProductsNodeServerContextPage_xx = () => {
  const { pName, pId, data1, data2 } = useDemoContext_71();
  // const [name, setName] = useState('Hsingtai Chung');
  // const [id, setId] = useState('123456789');

  // const [data1, setData1] = useState([]);

  // const [data2, setData2] = useState([]);

  //  console.log('blog data', data);

  // const fetchBlogDataFromNodeServer = async () => {
  //    try {
  //      const results = await axios.get(api_url);
  //      console.log('results', results.data);
  //      setData1(results.data.data1);
  //      setData2(results.data.data2);
  //    } catch (error) {
  //      console.log(error);
  //    }
  // };
```