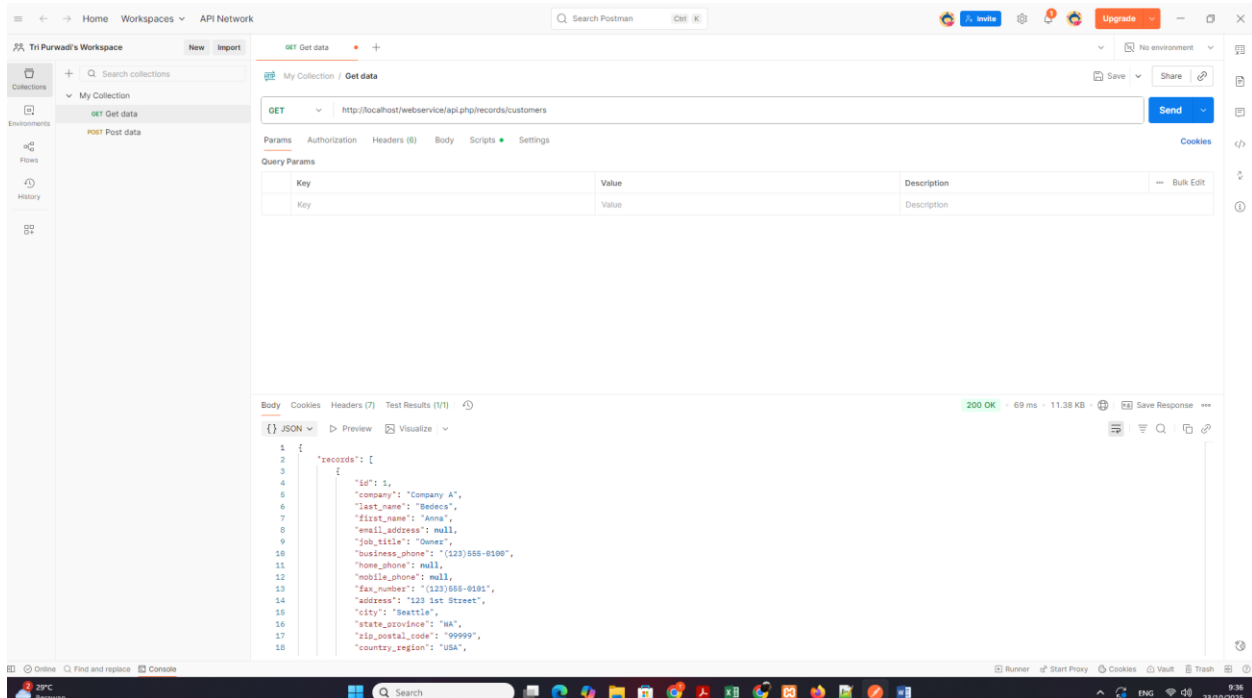


Nama Mahasiswa : TRI PURWADI

NIM : 24.01.55.7002

Judul Tugas : Php CRUD Api

1. Data Customer dari Aplikasi Postman



Hasil data :

```
{
  "records": [
    {
      "id": 1,
      "company": "Company A",
      "last_name": "Bedecs",
      "first_name": "Anna",
      "email_address": null,
      "job_title": "Owner",
      "business_phone": "(123)555-0100",
      "home_phone": null,
      "mobile_phone": null,
      "fax_number": "(123)555-0101",
      "address": "123 1st Street",
      "city": "Seattle",
      "state_province": "WA",
      "zip_postal_code": "99999",
      "country_region": "USA"
    }
  ]
}
```

```

    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 2,
    "company": "Company B",
    "last_name": "Gratacos Solsona",
    "first_name": "Antonio",
    "email_address": null,
    "job_title": "Owner",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 2nd Street",
    "city": "Boston",
    "state_province": "MA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 3,
    "company": "Company C",
    "last_name": "Axen",
    "first_name": "Thomas",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 3rd Street",
    "city": "Los Angelas",
    "state_province": "CA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 4,
    "company": "Company D",

```

```

    "last_name": "Lee",
    "first_name": "Christina",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 4th Street",
    "city": "New York",
    "state_province": "NY",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 5,
    "company": "Company E",
    "last_name": "O'Donnell",
    "first_name": "Martin",
    "email_address": null,
    "job_title": "Owner",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 5th Street",
    "city": "Minneapolis",
    "state_province": "MN",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 6,
    "company": "Company F",
    "last_name": "Pérez-Olaeta",
    "first_name": "Francisco",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",

```

```
    "address": "123 6th Street",
    "city": "Milwaukee",
    "state_province": "WI",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 7,
    "company": "Company G",
    "last_name": "Xie",
    "first_name": "Ming-Yang",
    "email_address": null,
    "job_title": "Owner",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 7th Street",
    "city": "Boise",
    "state_province": "ID",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 8,
    "company": "Company H",
    "last_name": "Andersen",
    "first_name": "Elizabeth",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 8th Street",
    "city": "Portland",
    "state_province": "OR",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  }
}
```

```
},
{
  "id": 9,
  "company": "Company I",
  "last_name": "Mortensen",
  "first_name": "Sven",
  "email_address": null,
  "job_title": "Purchasing Manager",
  "business_phone": "(123)555-0100",
  "home_phone": null,
  "mobile_phone": null,
  "fax_number": "(123)555-0101",
  "address": "123 9th Street",
  "city": "Salt Lake City",
  "state_province": "UT",
  "zip_postal_code": "99999",
  "country_region": "USA",
  "web_page": null,
  "notes": null,
  "attachments": ""
},
{
  "id": 10,
  "company": "Company J",
  "last_name": "Wacker",
  "first_name": "Roland",
  "email_address": null,
  "job_title": "Purchasing Manager",
  "business_phone": "(123)555-0100",
  "home_phone": null,
  "mobile_phone": null,
  "fax_number": "(123)555-0101",
  "address": "123 10th Street",
  "city": "Chicago",
  "state_province": "IL",
  "zip_postal_code": "99999",
  "country_region": "USA",
  "web_page": null,
  "notes": null,
  "attachments": ""
},
{
  "id": 11,
  "company": "Company K",
  "last_name": "Krschne",
  "first_name": "Peter",
  "email_address": null,
  "job_title": "Purchasing Manager",
```

```
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 11th Street",
    "city": "Miami",
    "state_province": "FL",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 12,
    "company": "Company L",
    "last_name": "Edwards",
    "first_name": "John",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "123 12th Street",
    "city": "Las Vegas",
    "state_province": "NV",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 13,
    "company": "Company M",
    "last_name": "Ludick",
    "first_name": "Andre",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "456 13th Street",
    "city": "Memphis",
    "state_province": "TN",
    "zip_postal_code": "99999",
```

```

    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 14,
    "company": "Company N",
    "last_name": "Grilo",
    "first_name": "Carlos",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "456 14th Street",
    "city": "Denver",
    "state_province": "CO",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 15,
    "company": "Company O",
    "last_name": "Kupkova",
    "first_name": "Helena",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "456 15th Street",
    "city": "Honolulu",
    "state_province": "HI",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 16,
    "company": "Company P",

```

```

    "last_name": "Goldschmidt",
    "first_name": "Daniel",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "456 16th Street",
    "city": "San Francisco",
    "state_province": "CA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 17,
    "company": "Company Q",
    "last_name": "Bagel",
    "first_name": "Jean Philippe",
    "email_address": null,
    "job_title": "Owner",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "456 17th Street",
    "city": "Seattle",
    "state_province": "WA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 18,
    "company": "Company R",
    "last_name": "Autier Miconi",
    "first_name": "Catherine",
    "email_address": null,
    "job_title": "Purchasing Representative",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",

```



```

    "address": "456 18th Street",
    "city": "Boston",
    "state_province": "MA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 19,
    "company": "Company S",
    "last_name": "Eggerer",
    "first_name": "Alexander",
    "email_address": null,
    "job_title": "Accounting Assistant",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 19th Street",
    "city": "Los Angelas",
    "state_province": "CA",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 20,
    "company": "Company T",
    "last_name": "Li",
    "first_name": "George",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 20th Street",
    "city": "New York",
    "state_province": "NY",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  }

```

```
},
{
  "id": 21,
  "company": "Company U",
  "last_name": "Tham",
  "first_name": "Bernard",
  "email_address": null,
  "job_title": "Accounting Manager",
  "business_phone": "(123)555-0100",
  "home_phone": null,
  "mobile_phone": null,
  "fax_number": "(123)555-0101",
  "address": "789 21th Street",
  "city": "Minneapolis",
  "state_province": "MN",
  "zip_postal_code": "99999",
  "country_region": "USA",
  "web_page": null,
  "notes": null,
  "attachments": ""
},
{
  "id": 22,
  "company": "Company V",
  "last_name": "Ramos",
  "first_name": "Luciana",
  "email_address": null,
  "job_title": "Purchasing Assistant",
  "business_phone": "(123)555-0100",
  "home_phone": null,
  "mobile_phone": null,
  "fax_number": "(123)555-0101",
  "address": "789 22th Street",
  "city": "Milwaukee",
  "state_province": "WI",
  "zip_postal_code": "99999",
  "country_region": "USA",
  "web_page": null,
  "notes": null,
  "attachments": ""
},
{
  "id": 23,
  "company": "Company W",
  "last_name": "Entin",
  "first_name": "Michael",
  "email_address": null,
  "job_title": "Purchasing Manager",
```

```
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 23th Street",
    "city": "Portland",
    "state_province": "OR",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 24,
    "company": "Company X",
    "last_name": "Hasselberg",
    "first_name": "Jonas",
    "email_address": null,
    "job_title": "Owner",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 24th Street",
    "city": "Salt Lake City",
    "state_province": "UT",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
  },
  {
    "id": 25,
    "company": "Company Y",
    "last_name": "Rodman",
    "first_name": "John",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 25th Street",
    "city": "Chicago",
    "state_province": "IL",
    "zip_postal_code": "99999",
```

```

    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 26,
    "company": "Company Z",
    "last_name": "Liu",
    "first_name": "Run",
    "email_address": null,
    "job_title": "Accounting Assistant",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 26th Street",
    "city": "Miami",
    "state_province": "FL",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 27,
    "company": "Company AA",
    "last_name": "Toh",
    "first_name": "Karen",
    "email_address": null,
    "job_title": "Purchasing Manager",
    "business_phone": "(123)555-0100",
    "home_phone": null,
    "mobile_phone": null,
    "fax_number": "(123)555-0101",
    "address": "789 27th Street",
    "city": "Las Vegas",
    "state_province": "NV",
    "zip_postal_code": "99999",
    "country_region": "USA",
    "web_page": null,
    "notes": null,
    "attachments": ""
},
{
    "id": 28,
    "company": "Company BB",

```

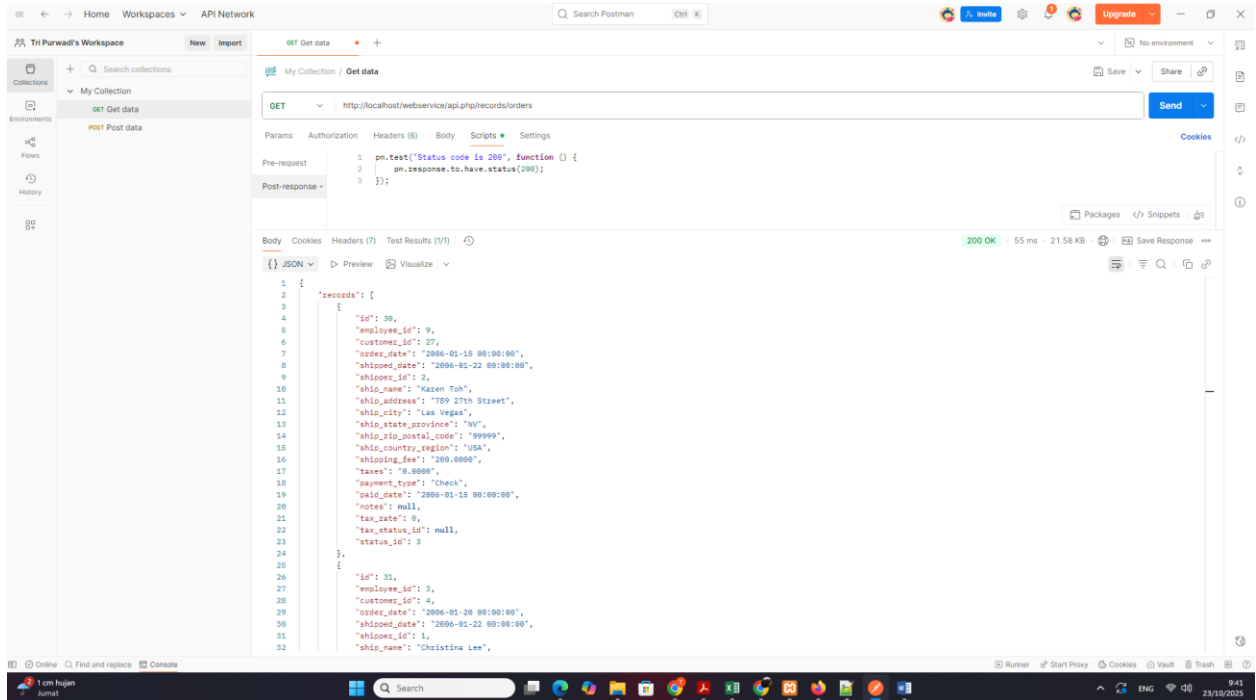
```

        "last_name": "Raghav",
        "first_name": "Amritansh",
        "email_address": null,
        "job_title": "Purchasing Manager",
        "business_phone": "(123)555-0100",
        "home_phone": null,
        "mobile_phone": null,
        "fax_number": "(123)555-0101",
        "address": "789 28th Street",
        "city": "Memphis",
        "state_province": "TN",
        "zip_postal_code": "99999",
        "country_region": "USA",
        "web_page": null,
        "notes": null,
        "attachments": ""
    },
    {
        "id": 29,
        "company": "Company CC",
        "last_name": "Lee",
        "first_name": "Soo Jung",
        "email_address": null,
        "job_title": "Purchasing Manager",
        "business_phone": "(123)555-0100",
        "home_phone": null,
        "mobile_phone": null,
        "fax_number": "(123)555-0101",
        "address": "789 29th Street",
        "city": "Denver",
        "state_province": "CO",
        "zip_postal_code": "99999",
        "country_region": "USA",
        "web_page": null,
        "notes": null,
        "attachments": ""
    }
]
}

```

2. Perintah-Perintah Request API

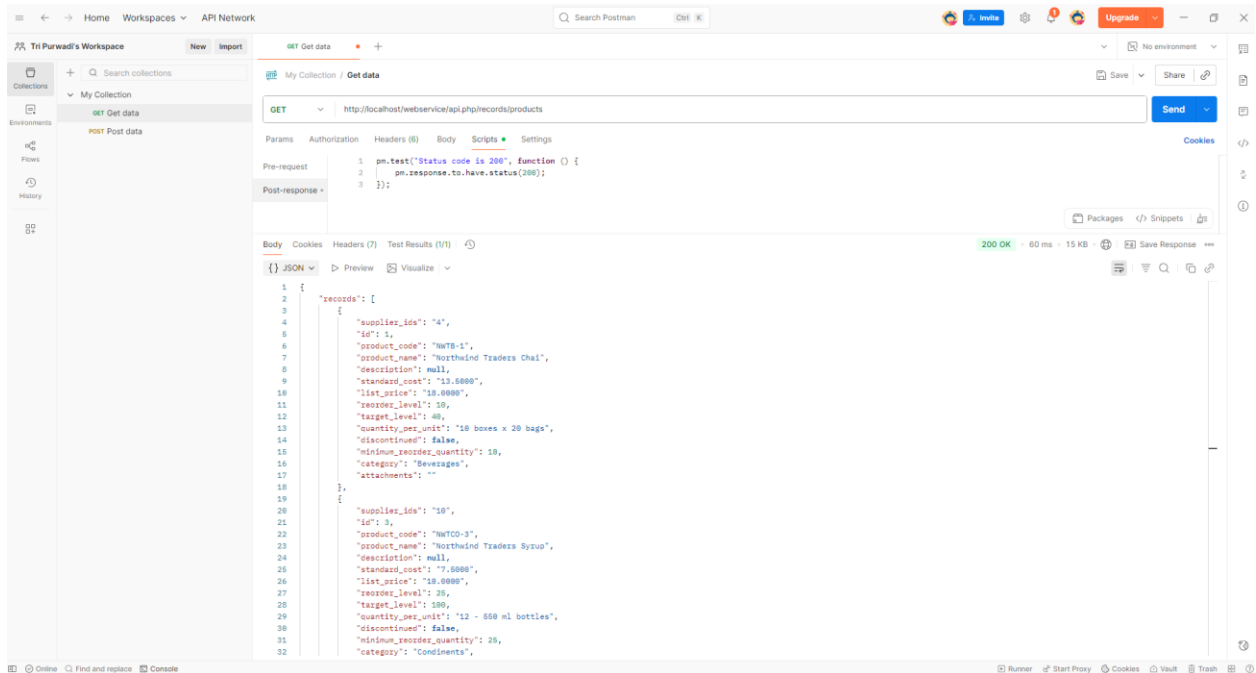
a. <http://localhost/websevice/api.php/records/orders>



The screenshot shows the Postman interface with a GET request to `http://localhost/websevice/api.php/records/orders`. The response is a 200 OK status with a JSON body containing two order records.

```
1 {
2   "records": [
3     {
4       "id": 39,
5       "employee_id": 9,
6       "customer_id": 27,
7       "order_date": "2006-01-15 00:00:00",
8       "shipped_date": "2006-01-22 00:00:00",
9       "shipper_id": 3,
10      "ship_name": "Kazuo Taki",
11      "ship_address": "789 27th Street",
12      "ship_city": "Las Vegas",
13      "ship_state_province": "NV",
14      "ship_zip_postal_code": "89999",
15      "ship_country_region": "USA",
16      "shipping_fee": "200.0000",
17      "taxes": "0.0000",
18      "payment_type": "Check",
19      "paid_date": "2006-01-15 00:00:00",
20      "notes": null,
21      "tax_rate": 0,
22      "tax_status_id": null,
23      "status_id": 3
24    },
25    {
26      "id": 35,
27      "employee_id": 3,
28      "customer_id": 4,
29      "order_date": "2006-01-20 00:00:00",
30      "shipped_date": "2006-01-22 00:00:00",
31      "shipper_id": 1,
32      "ship_name": "Christina Lee",
```

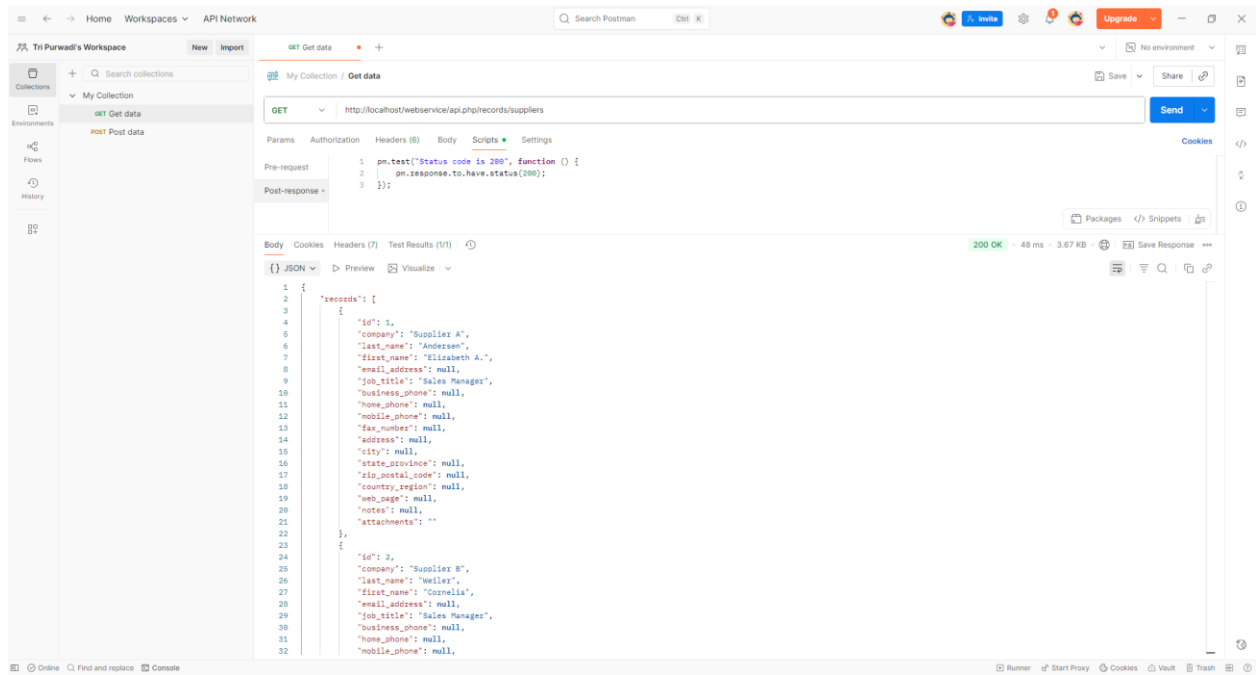
b. <http://localhost/websevice/api.php/records/products>



The screenshot shows the Postman interface with a GET request to `http://localhost/websevice/api.php/records/products`. The response is a 200 OK status with a JSON body containing two product records.

```
1 {
2   "records": [
3     {
4       "supplier_id": "4",
5       "id": 1,
6       "product_code": "NW7B-1",
7       "product_name": "Northwind Traders Chai",
8       "description": null,
9       "standard_cost": "13.0000",
10      "list_price": "18.0000",
11      "reorder_level": 10,
12      "target_level": 40,
13      "quantity_per_unit": "18 boxes x 20 bags",
14      "discontinued": false,
15      "minimum_reorder_quantity": 10,
16      "category": "Beverages",
17      "attachments": ""
18    },
19    {
20      "supplier_id": "10",
21      "id": 3,
22      "product_code": "NW7CO-3",
23      "product_name": "Northwind Traders Syrup",
24      "description": null,
25      "standard_cost": "17.0000",
26      "list_price": "18.0000",
27      "reorder_level": 20,
28      "target_level": 100,
29      "quantity_per_unit": "12 - 550 ml bottles",
30      "discontinued": false,
31      "minimum_reorder_quantity": 20,
32      "category": "Condiments",
```

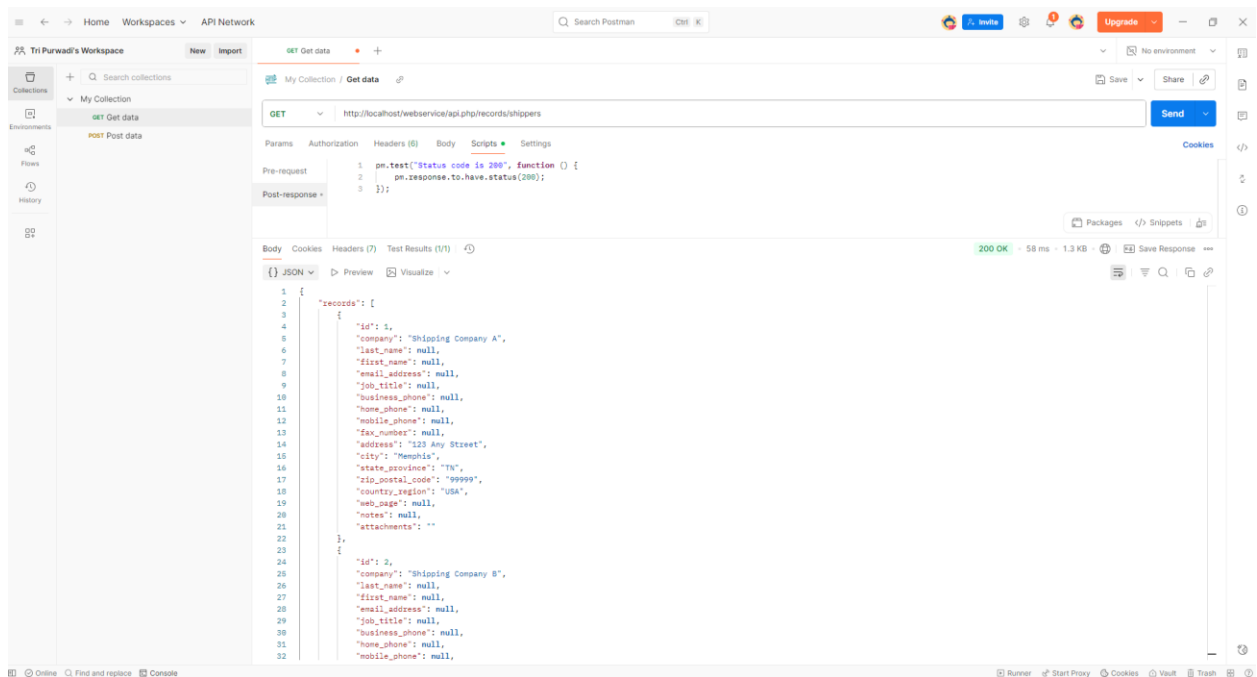
c. <http://localhost/webservice/api.php/records/suppliers>



The screenshot shows the Postman interface with a GET request to `http://localhost/webservice/api.php/records/suppliers`. The response is a 200 OK status with a JSON body containing two supplier records. The JSON structure is as follows:

```
{
  "records": [
    {
      "id": 1,
      "company": "Supplier A",
      "last_name": "Andersen",
      "first_name": "Elizabeth A.",
      "email_address": null,
      "job_title": "Sales Manager",
      "business_phone": null,
      "home_phone": null,
      "mobile_phone": null,
      "fax_number": null,
      "address": null,
      "city": null,
      "state_province": null,
      "zip_postal_code": null,
      "country_region": null,
      "web_page": null,
      "notes": null,
      "attachments": ""
    },
    {
      "id": 2,
      "company": "Supplier B",
      "last_name": "Weiler",
      "first_name": "Cornelia",
      "email_address": null,
      "job_title": "Sales Manager",
      "business_phone": null,
      "home_phone": null,
      "mobile_phone": null,
      "fax_number": null,
      "address": null,
      "city": null,
      "state_province": null,
      "zip_postal_code": null,
      "country_region": null,
      "web_page": null,
      "notes": null,
      "attachments": ""
    }
  ]
}
```

d. <http://localhost/webservice/api.php/records/shippers>



The screenshot shows the Postman interface with a GET request to `http://localhost/webservice/api.php/records/shippers`. The response is a 200 OK status with a JSON body containing two shipper records. The JSON structure is as follows:

```
{
  "records": [
    {
      "id": 1,
      "company": "Shipping Company A",
      "last_name": null,
      "first_name": null,
      "email_address": null,
      "job_title": null,
      "business_phone": null,
      "home_phone": null,
      "mobile_phone": null,
      "fax_number": null,
      "address": "123 Any Street",
      "city": "Memphis",
      "state_province": "TN",
      "zip_postal_code": "38103",
      "country_region": "USA",
      "web_page": null,
      "notes": null,
      "attachments": ""
    },
    {
      "id": 2,
      "company": "Shipping Company B",
      "last_name": null,
      "first_name": null,
      "email_address": null,
      "job_title": null,
      "business_phone": null,
      "home_phone": null,
      "mobile_phone": null,
      "fax_number": null,
      "address": null,
      "city": null,
      "state_province": null,
      "zip_postal_code": null,
      "country_region": null,
      "web_page": null,
      "notes": null,
      "attachments": ""
    }
  ]
}
```