Need to implement

1.RestController

2.ProductService

3.ProductDao with one custom query

3.Create ProductNotFoundException in com.verizon.exeption package

Perform All 1. void AddProduct(),

2. List<Product> GetAllProducts(),

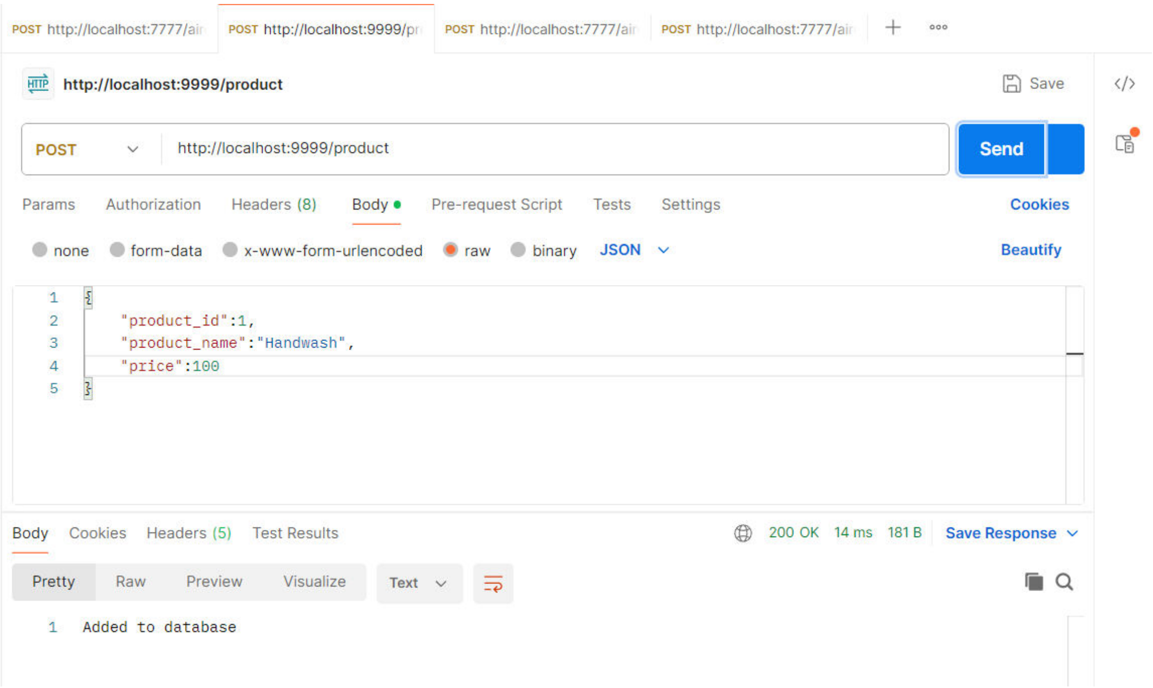
3. Product GetProductById(Integer id) throws ProductNotFoundException

4. List<Product> GetAllProductsBetweenPrice(Integer low,Integer high);

5. void UpdateProduct(Integer id,Product product)throws ProductNotFoundException

6. void DeleteProduct(Integer id)throws ProductNotFoundException

1. void AddProduct() --> POSTING DATA



http://localhost:9999/product

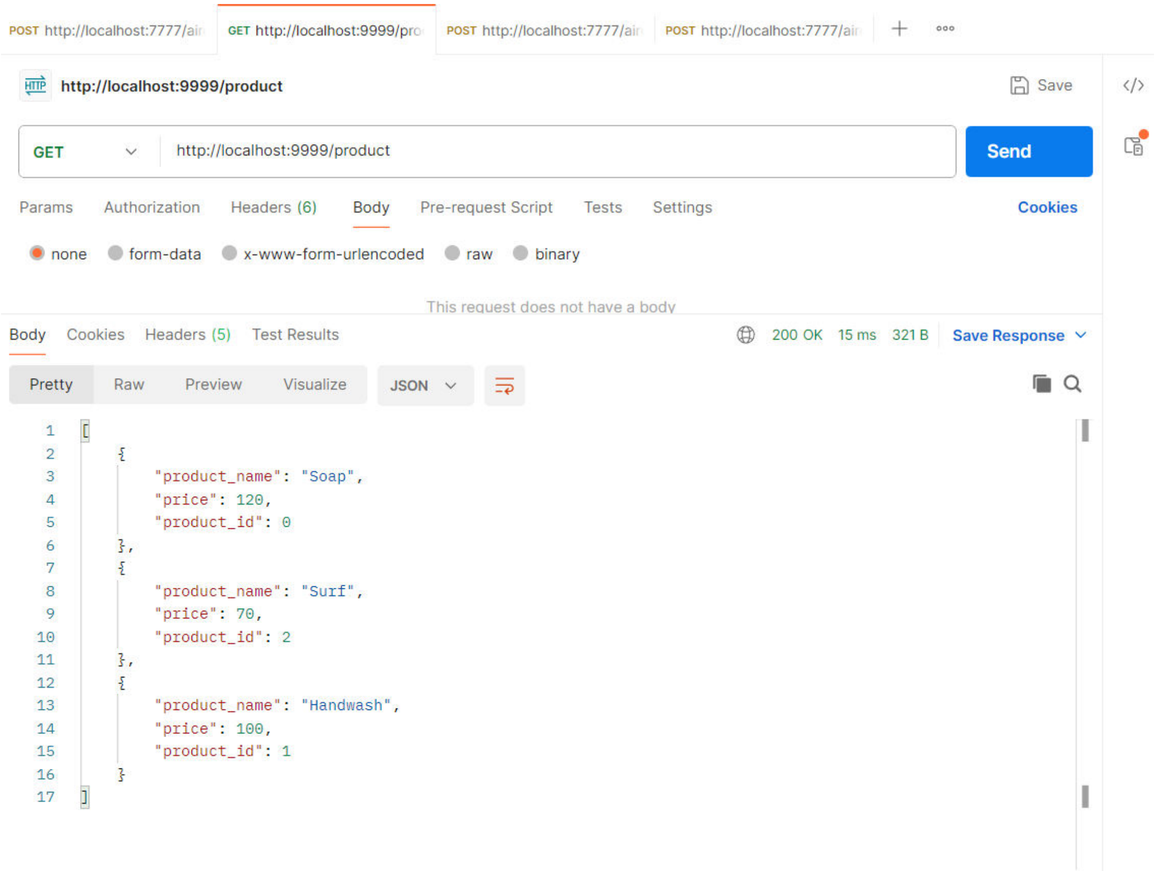
POST http://localhost:9999/product

```
{
    "product_id":1,
    "product_name":"Handwash",
    "price":100
}
```

200 OK 14 ms 181 B

```
Added to database
```

2. List<Product> GetAllProducts(),



http://localhost:9999/product

GET http://localhost:9999/product

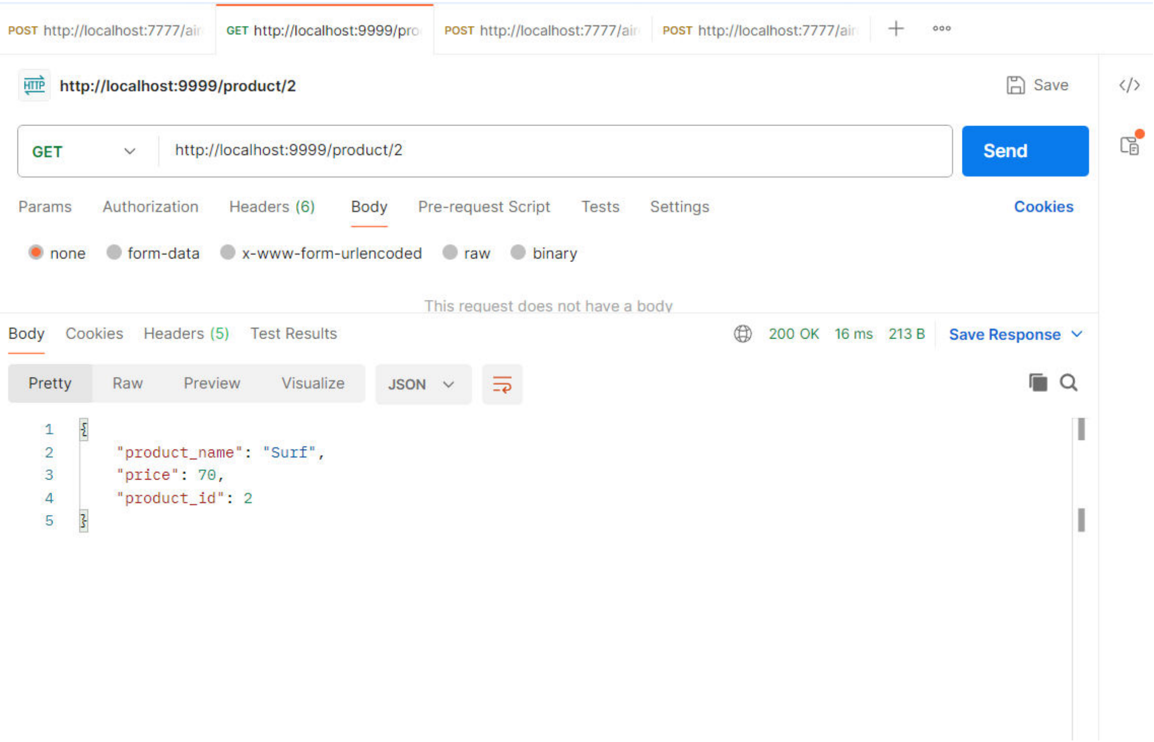
Body: none

This request does not have a body

200 OK 15 ms 321 B

```
[
    {
        "product_name": "Soap",
        "price": 120,
        "product_id": 0
    },
    {
        "product_name": "Surf",
        "price": 70,
        "product_id": 2
    },
    {
        "product_name": "Handwash",
        "price": 100,
        "product_id": 1
    }
]
```

3. Product GetProductById(Integer id) throws ProductNotFoundException



http://localhost:9999/product/2

GET http://localhost:9999/product/2

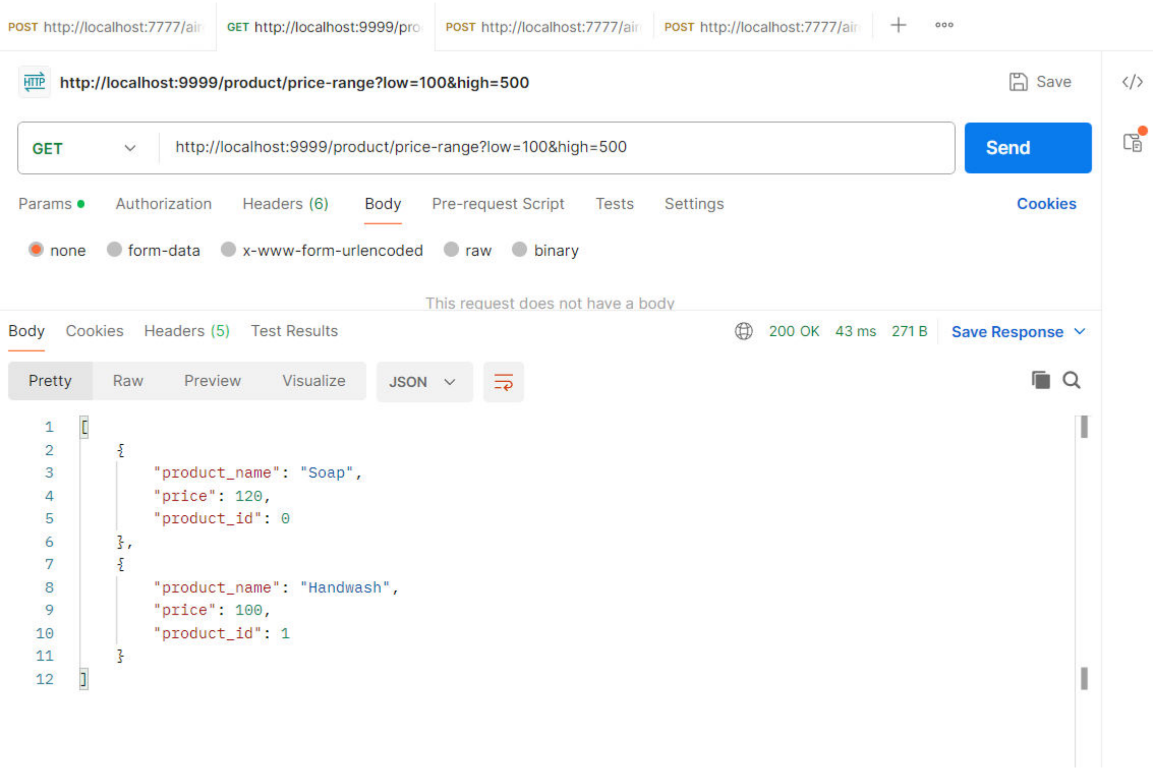
● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary

This request does not have a body

200 OK 16 ms 213 B

```
{
    "product_name": "Surf",
    "price": 70,
    "product_id": 2
}
```

4. List<Product> GetAllProductsBetweenPrice(Integer low,Integer high);



http://localhost:9999/product/price-range?low=100&high=500

GET http://localhost:9999/product/price-range?low=100&high=500

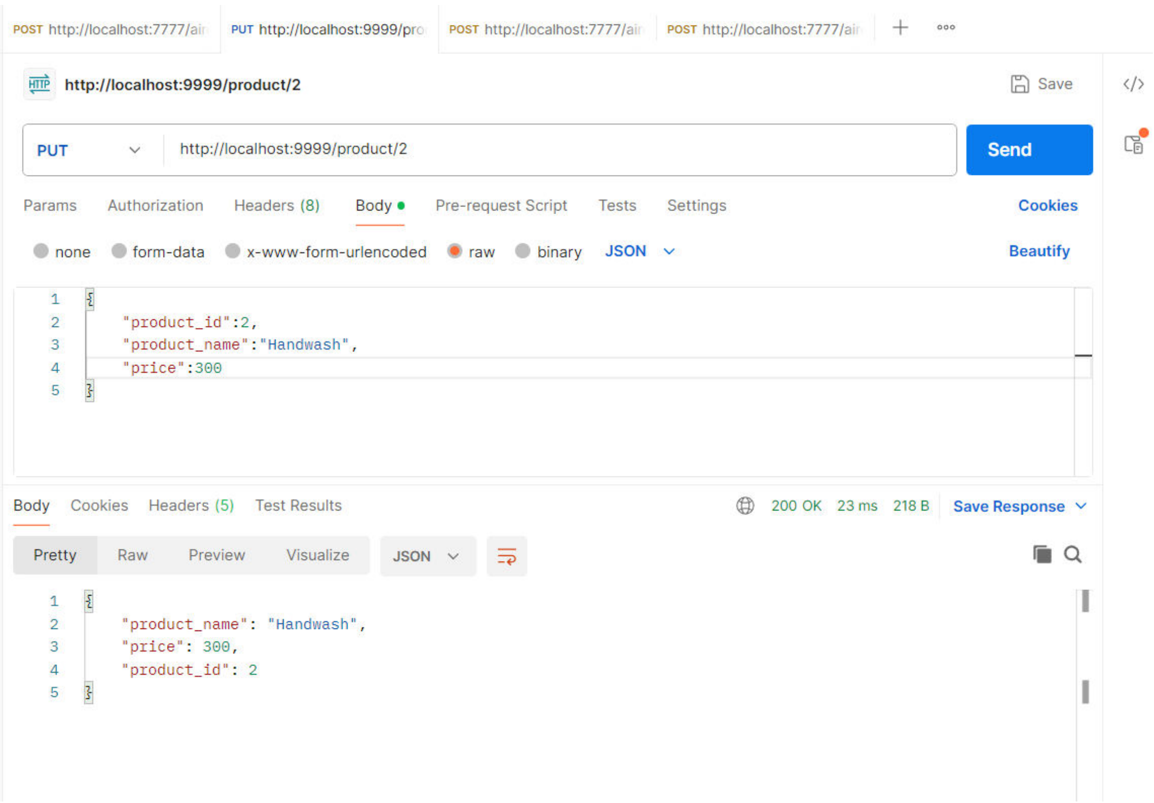
● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary

This request does not have a body

200 OK 43 ms 271 B

```
[
    {
        "product_name": "Soap",
        "price": 120,
        "product_id": 0
    },
    {
        "product_name": "Handwash",
        "price": 100,
        "product_id": 1
    }
]
```

5. void UpdateProduct(Integer id,Product product)throws ProductNotFoundException



http://localhost:9999/product/2

PUT http://localhost:9999/product/2

Headers (8)

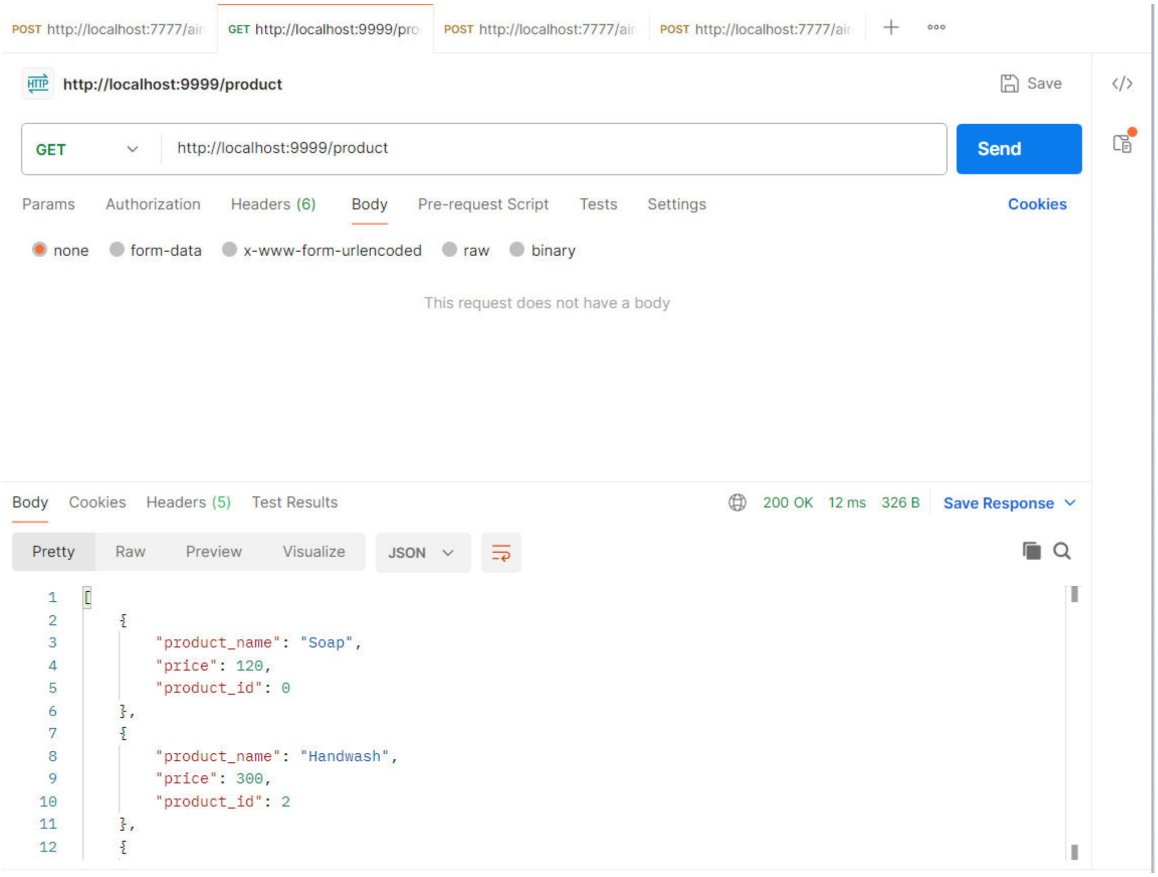
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON

```
{
    "product_id":2,
    "product_name":"Handwash",
    "price":300
}
```

Body Cookies Headers (5) Test Results 200 OK 23 ms 218 B

JSON

```
{
    "product_name": "Handwash",
    "price": 300,
    "product_id": 2
}
```



http://localhost:9999/product

GET http://localhost:9999/product

● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary

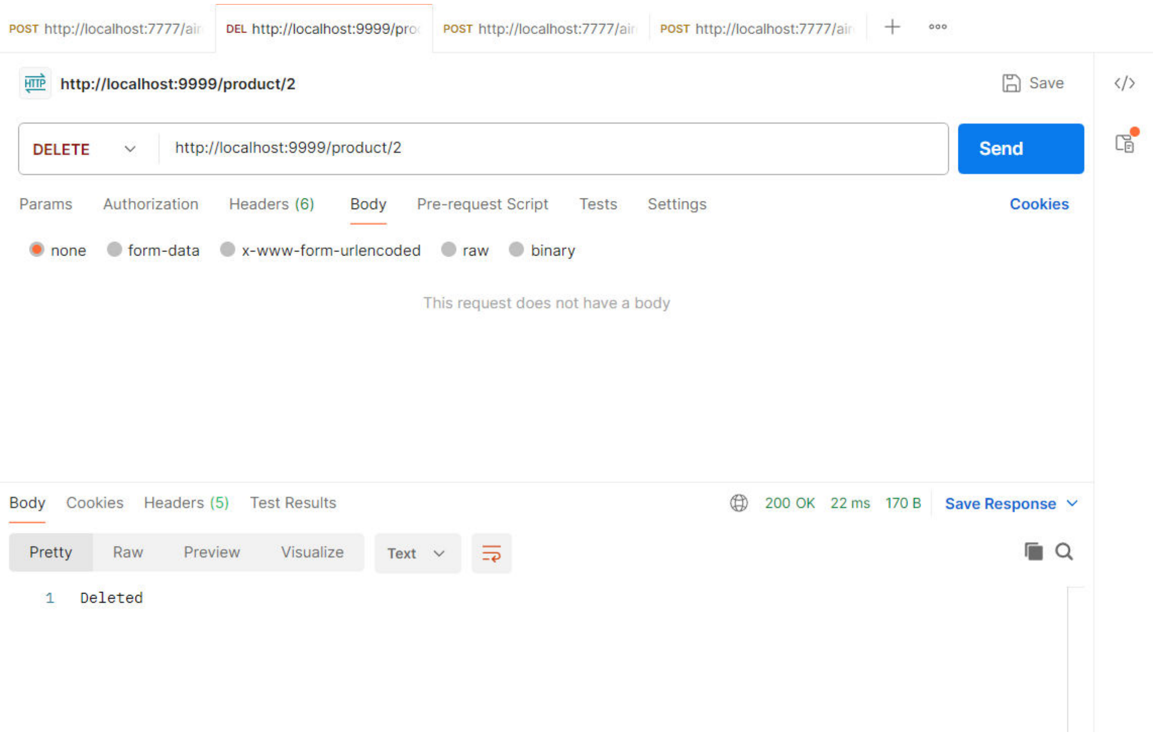
This request does not have a body

Body Cookies Headers (5) Test Results 200 OK 12 ms 326 B

JSON

```
[
    {
        "product_name": "Soap",
        "price": 120,
        "product_id": 0
    },
    {
        "product_name": "Handwash",
        "price": 300,
        "product_id": 2
    },
    {
```

6. void DeleteProduct(Integer id)throws ProductNotFoundException



http://localhost:9999/product/2

DELETE http://localhost:9999/product/2

● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary

This request does not have a body

200 OK 22 ms 170 B

```
Deleted
```