

# Setup

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## Projects

CRUD project: [ProductStore](#)

Over/under posting project: [Practical3](#)

## CRUD API

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### Get a list of all products

**GET** /api/v2/products

#### Response

```
[
  {
    "Id": int,
    "Name": string,
    "Category": string,
    "Price": decimal
  },
  ...
]
```

### Get a product by ID

**GET** /api/v2/products/:id

#### Response

```
{
  "Id": int,
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

### Get a product by category

**GET** /api/v2/products?category=category

#### Response

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```
[
  {
    "Id": int,
    "Name": string,
    "Category": string,
    "Price": decimal
  },
  ...
]
```

## Create a new product

**POST** /api/v2/products

### Request

```
{
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

### Response

```
{
  "Id": int,
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

## Update a product

**PUT** /api/v2/products/:id

### Request

```
{
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

### Response

204 No Content

## Delete a product

**DELETE** /api/v2/products/:id

Response

204 No Content

## Over/under posting API

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### Create a new product

**POST** /api/v3/products

Request

```
{
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

Response

```
{
  "Id": int,
  "Name": string,
  "Category": string,
  "Price": decimal
}
```

Error

400 Bad Request. If input is invalid:

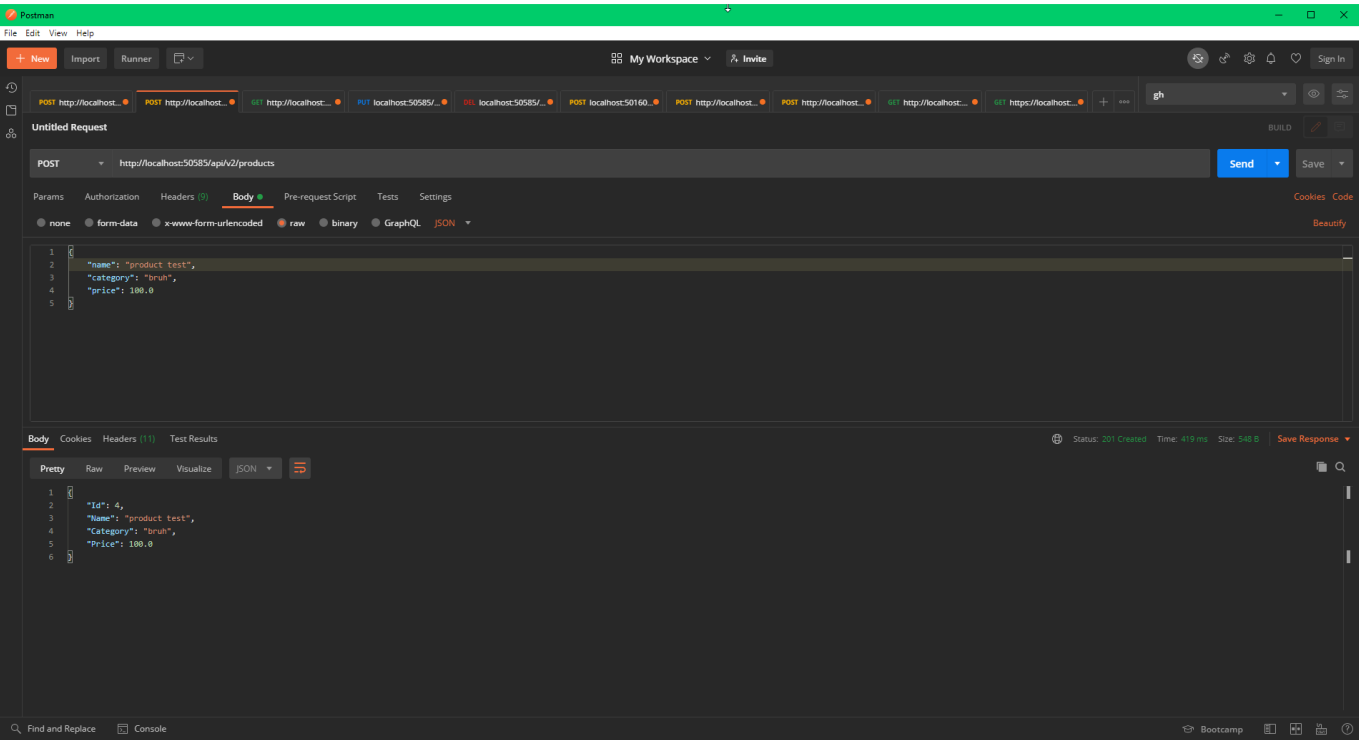
```
{
  "Message": string,
  "ModelState": Object (depending on error)
}
```

## Screenshots

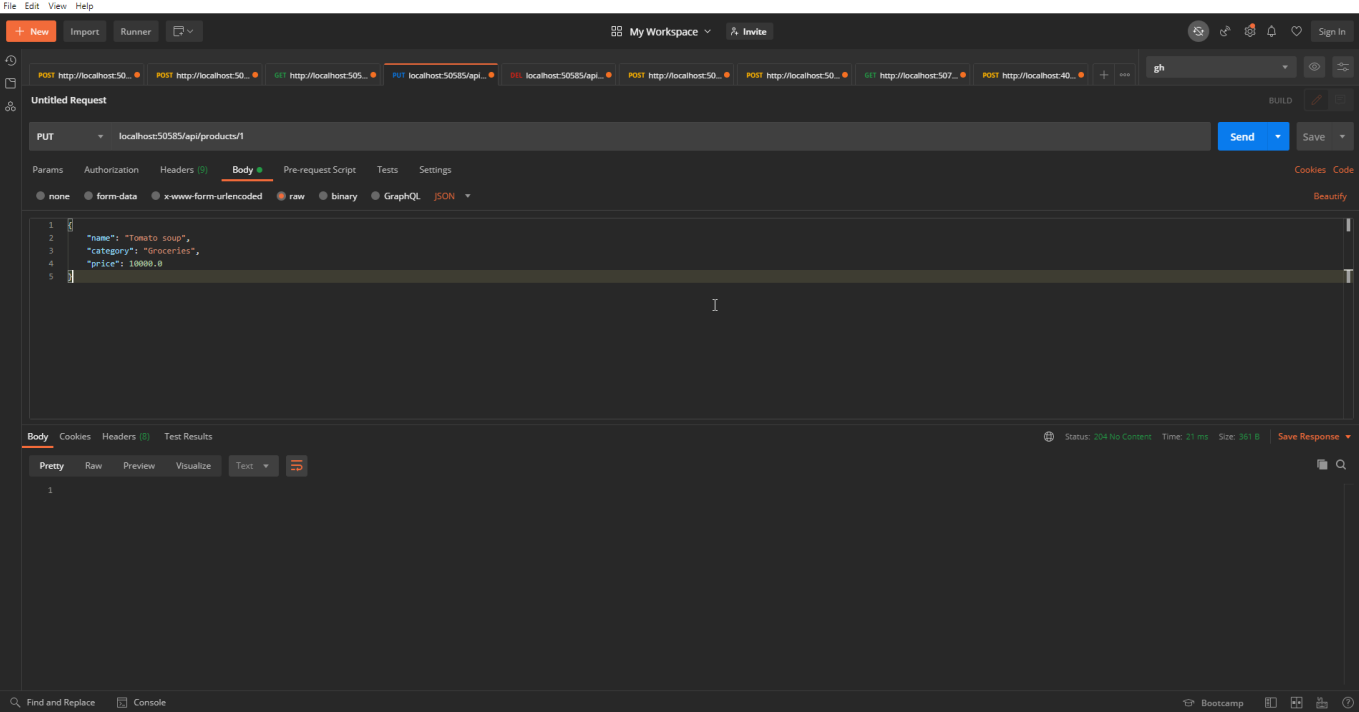
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# CRUD

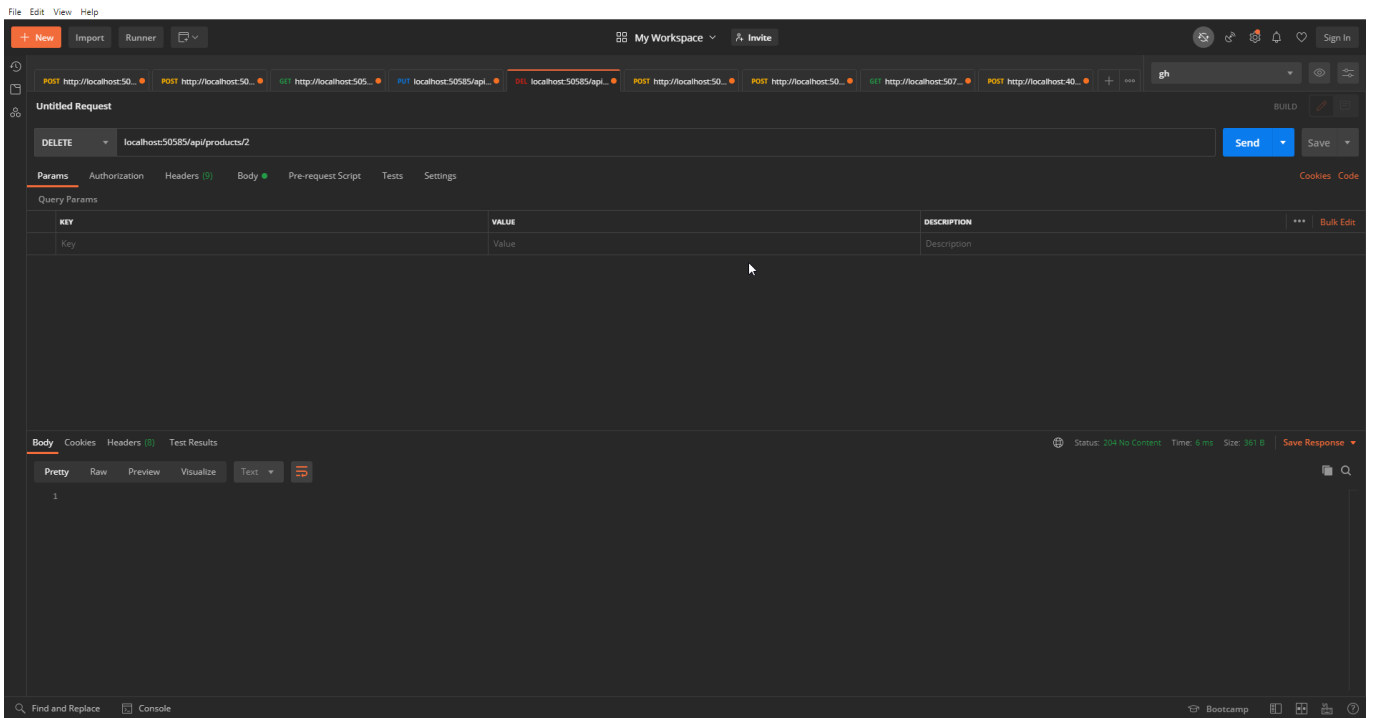
## Create Product



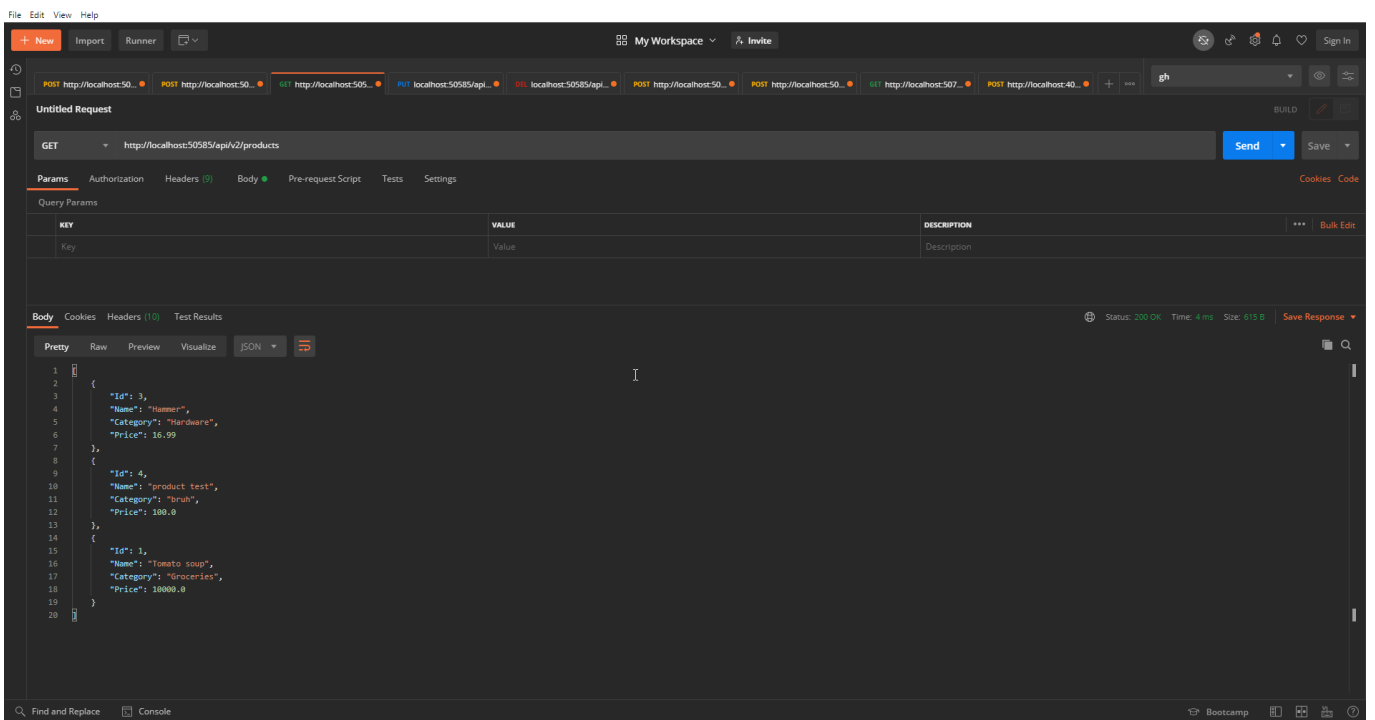
## Update Product



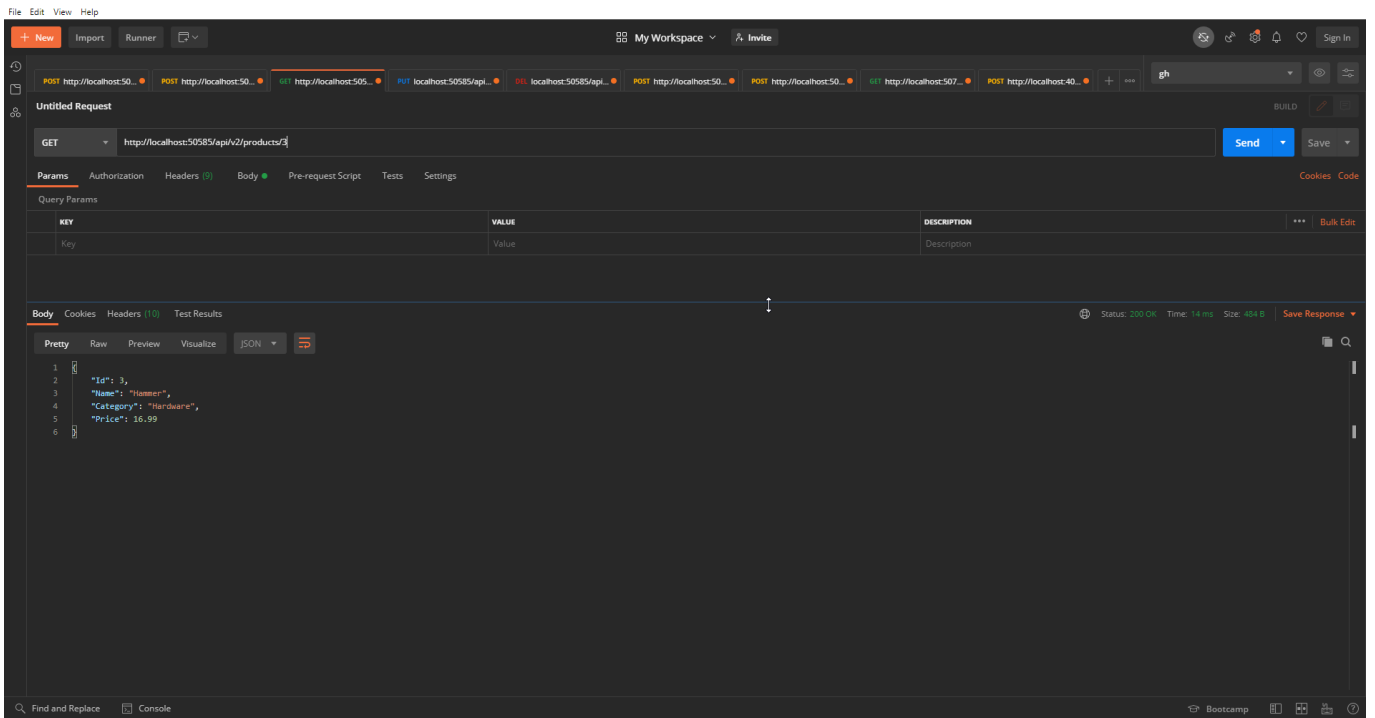
## Delete Product



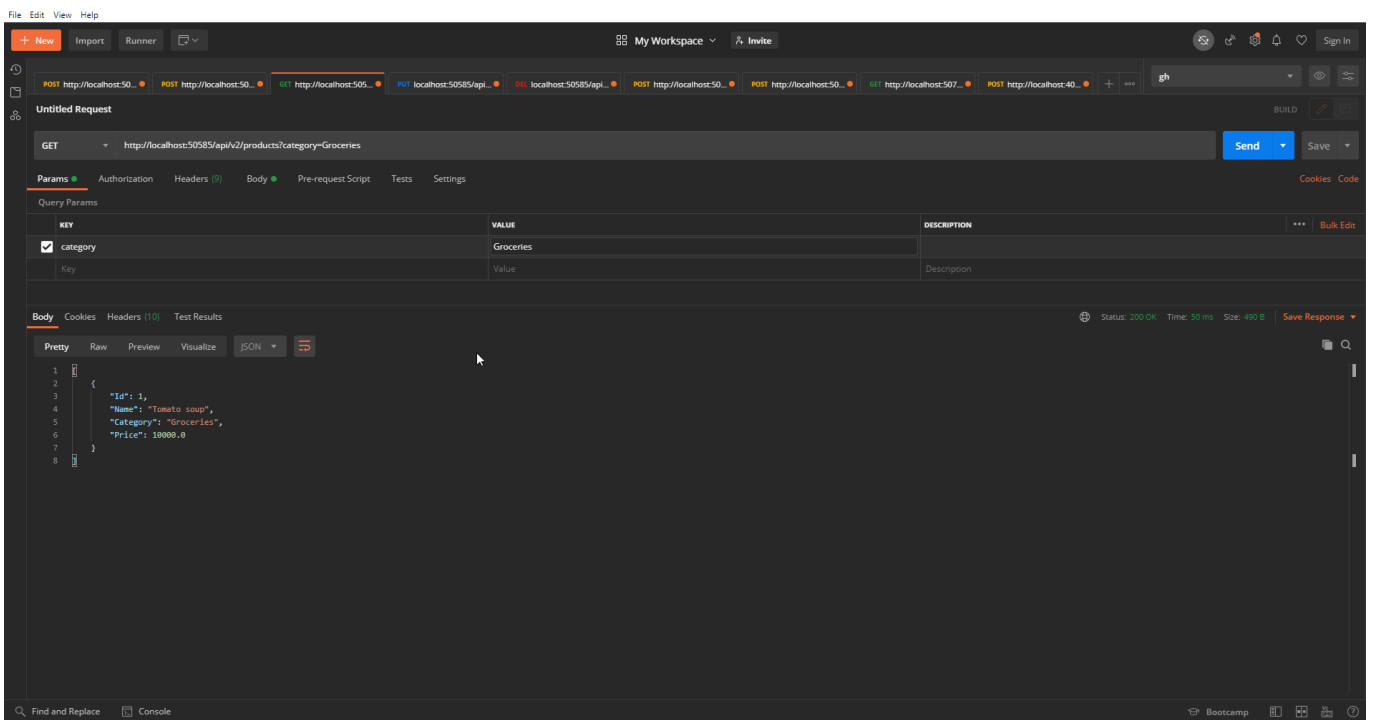
## Get List of All Products



## Get Product by ID

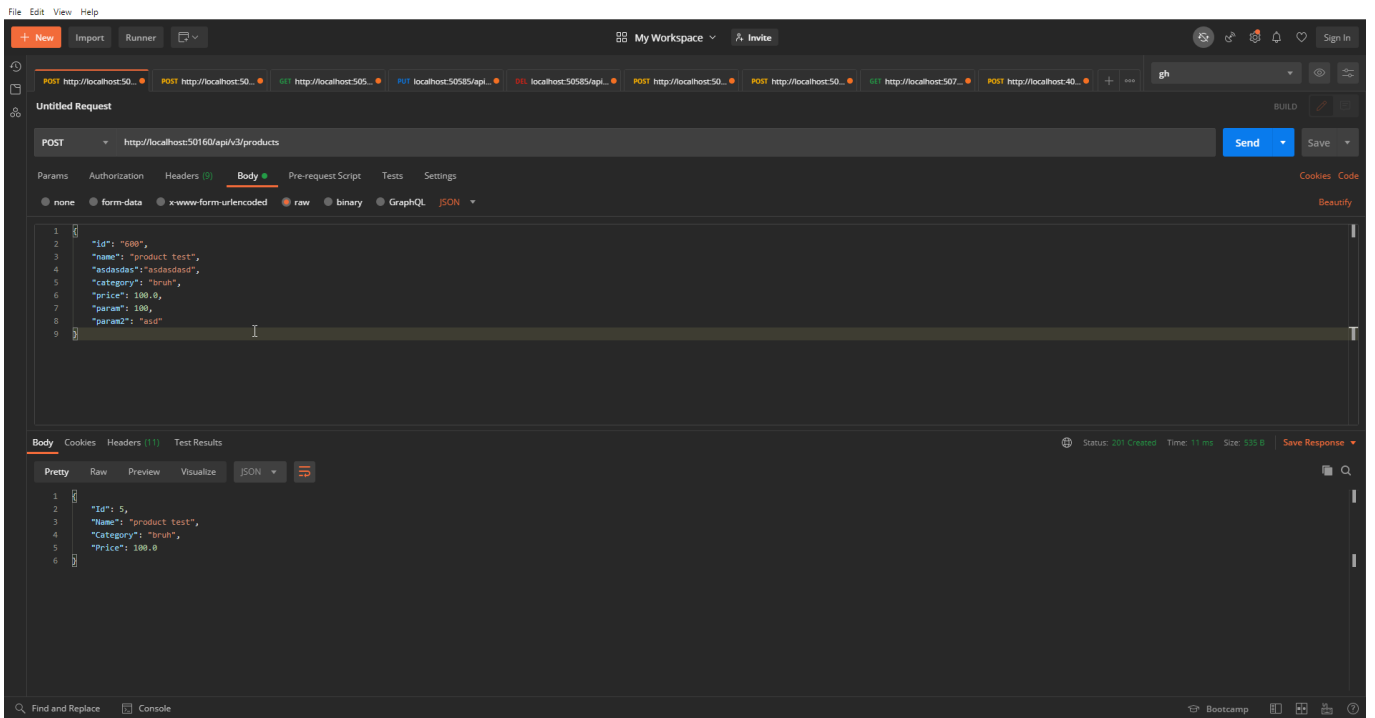


## Get Product by Category



## Over/under posting

### Overposting



## Underposting

