Task 2

Browser

Debug run the application and you will see the following page on load.

(There will be a simulated loading)



All Products

Tomato Soup: \$1Yo-yo: \$3.75Hammer: \$16.99

Search by ID

	Search
--	--------

Enter a number between 1 to 3 (ID for the products).

Search by ID



Tomato Soup: \$1

In the case of error, client will reconnect and prompt to check.

All Products

Fail to get products. Reloading... (Check your Uri in the project)

Search by ID



<u>Postman</u>

Localhost:

http://localhost:60125/

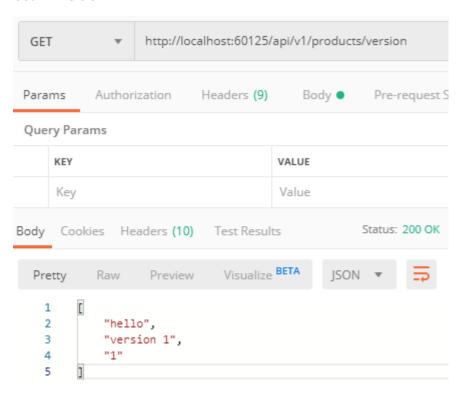
APIs:

Version	Туре	API Route
V1	GET	api/v1/products/version
V1	GET	api/v1/products/message?name1= <name>&name2=<name>&name3=<name></name></name></name>
V1	GET	api/v1/products
V1	GET	api/v1/products/{id}
V2	GET	api/v2/products
V2	GET	api/v2/products/{id}
V2	GET	api/v2/products?Category=< category >
V2	POST	api/v2/products
V2	PUT	api/v2/products/{id}
V2	DELETE	api/v2/products/{id}
V3	GET	api/v3/products
V3	GET	api/v3/products/{id}
V3	GET	api/v3/products?Category=< category >
V3	POST	api/v3/products
V3	PUT	api/v3/products/{id}
V3	DELETE	api/v3/products/{id}

GET: api/v1/products/version

Link: http://localhost:60125/api/v1/products/version

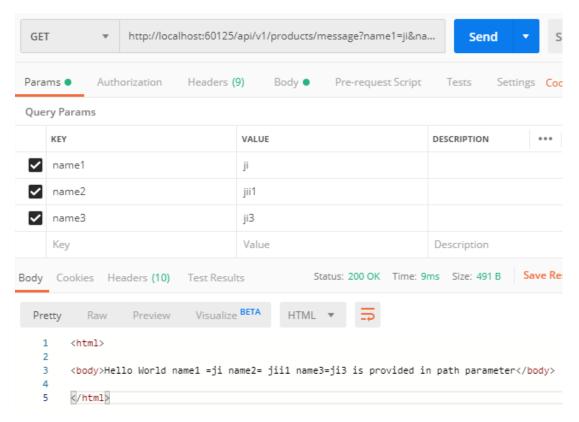
Get API version.



GET: api/v1/products/message?name1=<name>&name2=<name>&name3=<name>

Link: http://localhost:60125/api/v1/products/message/name1=ji&name2=jii1&name3=ji3

Get method with user defined parameters.



GET: api/v1/products

Link: http://localhost:60125/api/v1/products

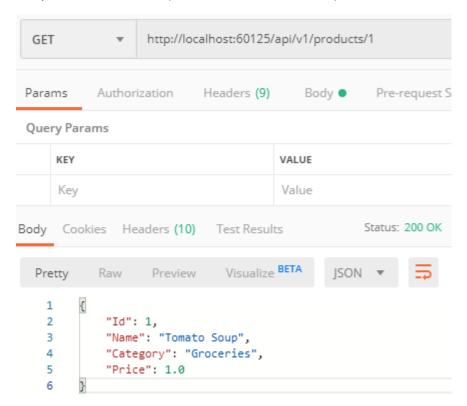
Get all products.



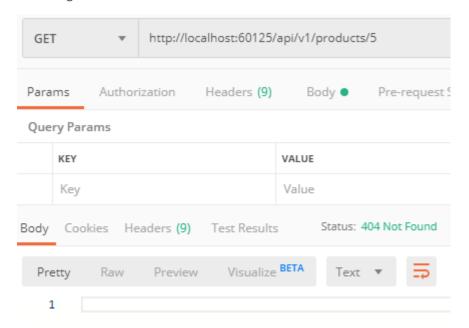
GET: api/v1/products/{id}

Link: http://localhost:60125/api/v1/products/1

Get product based on id. (Available Id between 1 to 3)



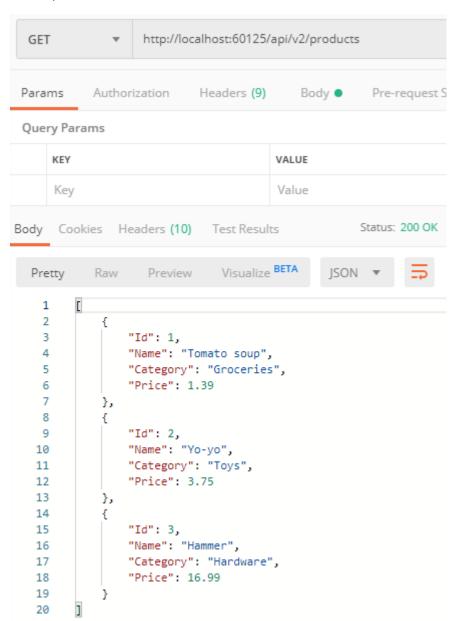
Providing invalid id will lead to 404 Not Found.



GET: api/v2/products

Link: http://localhost:60125/api/v2/products

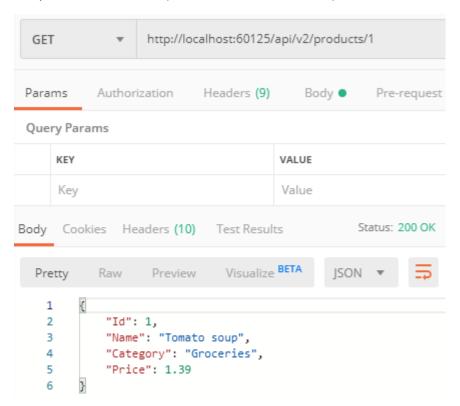
Get all products.

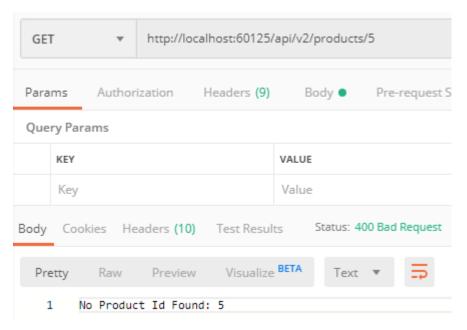


GET: api/v2/products/{id}

Link: http://localhost:60125/api/V2/products

Get product based on id. (Available Id between 1 to 3)

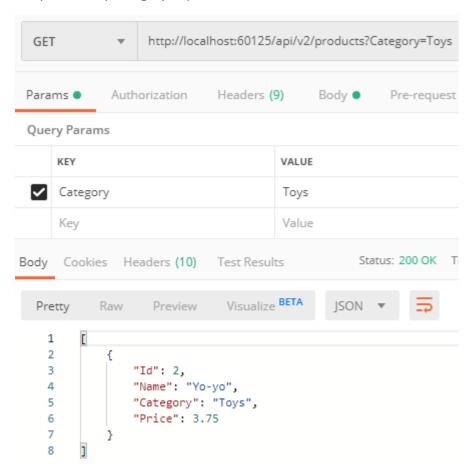




GET: api/v2/products?Category=<category>

Link: http://localhost:60125/api/v2/products?Category=Toys

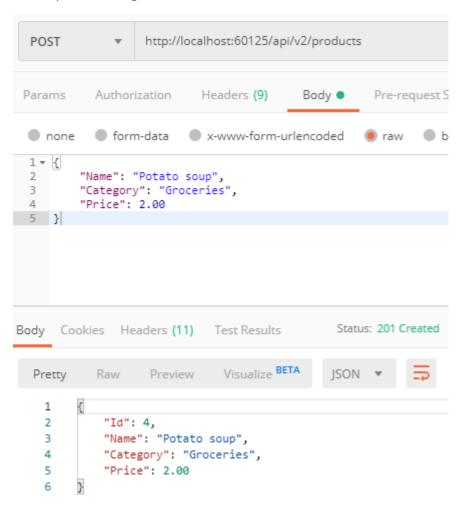
Get products by Category as parameter.



POST: api/v2/products

Link: http://localhost:60125/api/v2/products

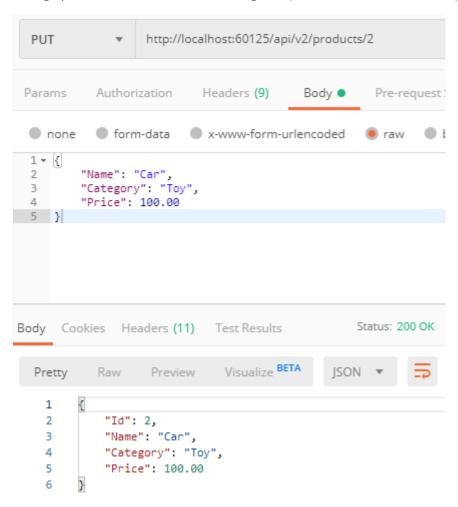
Create product using Post.

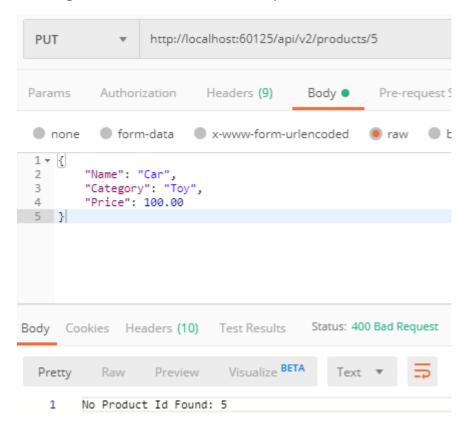


PUT: api/v2/products/{id}

Link: http://localhost:60125/api/v2/products/2

Change product details based on id using Put. (Available Id between 1 to 3)

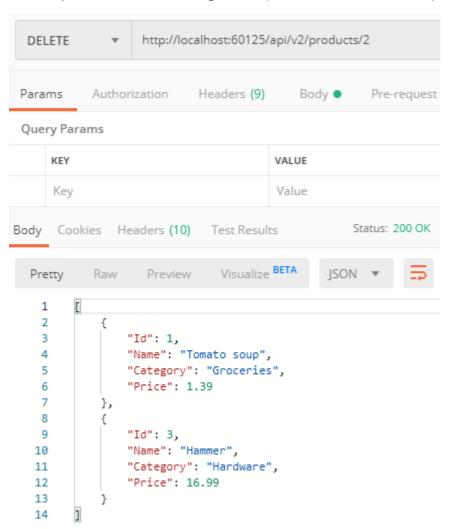


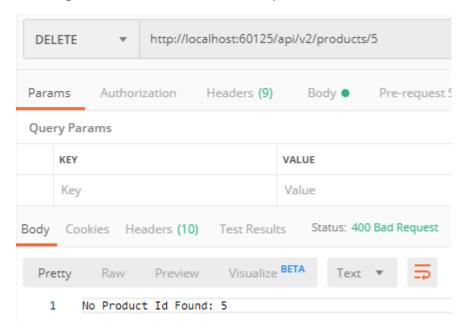


DELETE: api/v2/products/{id}

Link: http://localhost:60125/api/v2/products/2

Remove product based on id using Delete. (Available Id between 1 to 3)

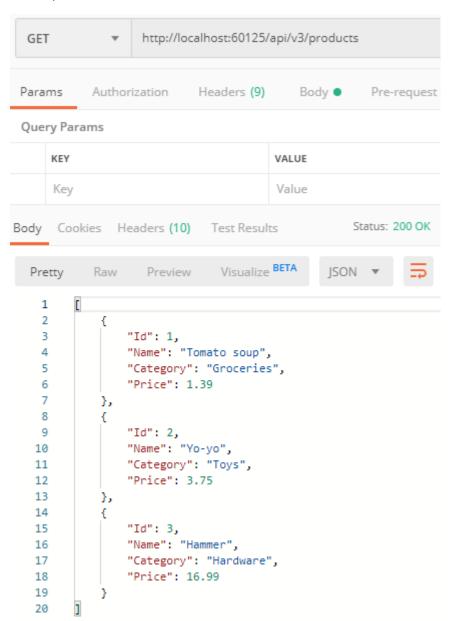




GET: api/v3/products

Link: http://localhost:60125/api/v3/products

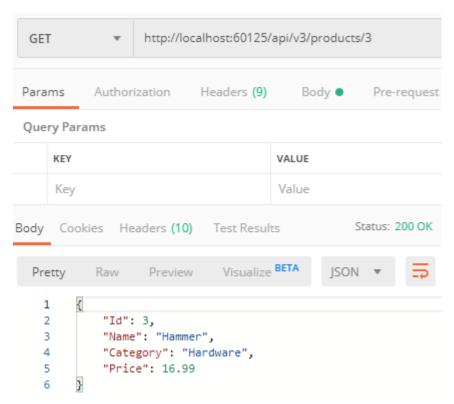
Get all products.

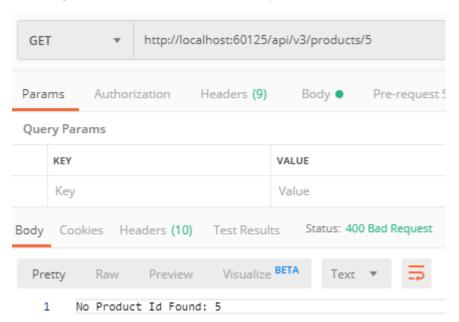


GET: api/v3/products/{id}

Link: http://localhost:60125/api/v3/products/3

Get product based on id. (Available Id between 1 to 3)

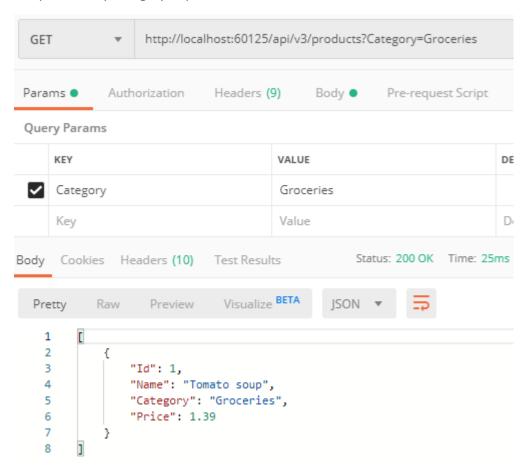




GET: api/v3/products?Category=<category>

Link: http://localhost:60125/api/v3/products?Category=Groceries

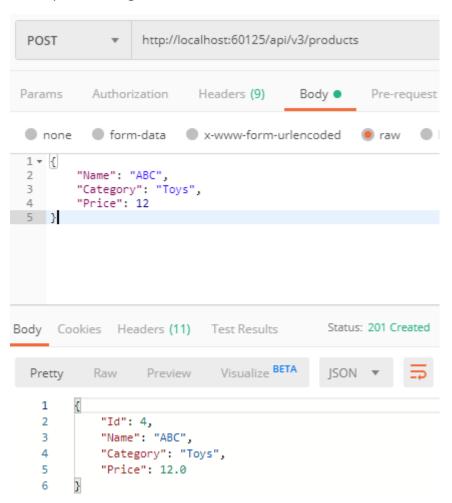
Get products by Category as parameter.



POST: api/v3/products

Link: http://localhost:60125/api/v3/products

Create product using Post.

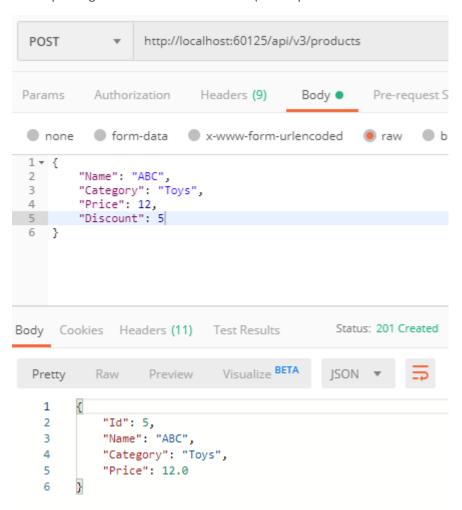


"Under-posting" will lead to 400 Bad Request. (Required: Name, Price*)

*Price must be between 0 to 100

```
http://localhost:60125/api/v3/products
  POST
 Params
           Authorization
                            Headers (9)
                                            Body •
                                                       Pre-request Script
                                                                           Tes
                                                               binary
 none
            form-data
                          x-www-form-urlencoded
                                                     raw
1 + {
         "Category": "Toys",
  2
  3
         "Price": -12
  4
     }
                                            Status: 400 Bad Request Time: 14ms
Body Cookies Headers (10)
                             Test Results
                               Visualize BETA
                                                JSON
  Pretty
            Raw
                    Preview
    1
    2
             "Message": "The request is invalid.",
    3
             "ModelState": {
    4
                 "item.Name": [
    5
                     "The Name field is required."
    6
                 1,
    7
                 "item.Price": [
    8
                     "The field Price must be between 0 and 100."
    9
   10
         }
   11
```

"Over-posting" will lead to 201 Created. ("Over-post" values are excluded in creation)

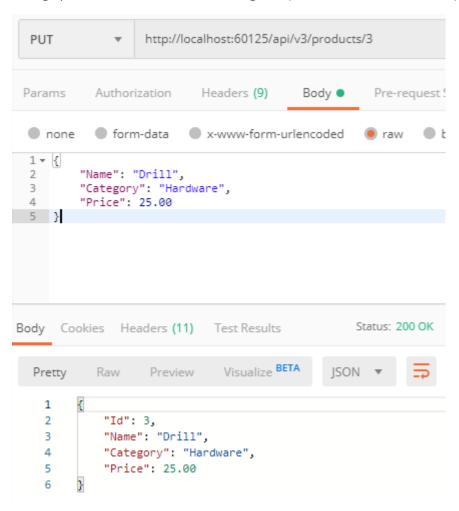


^ "Discount" is excluded during creation

PUT: api/v3/products/{id}

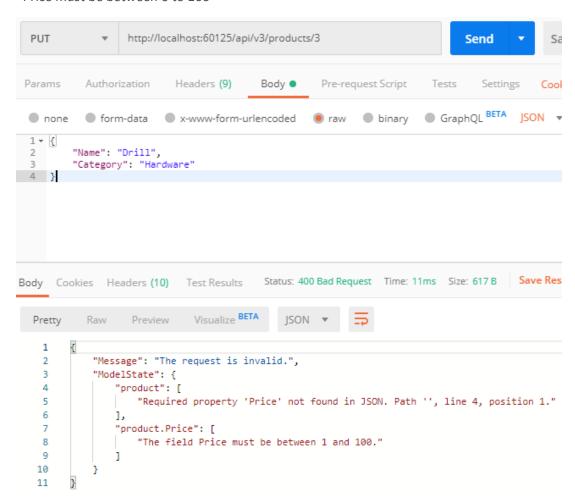
Link: http://localhost:60125/api/v3/products/3

Change product details based on id using Put. (Available Id between 1 to 3)

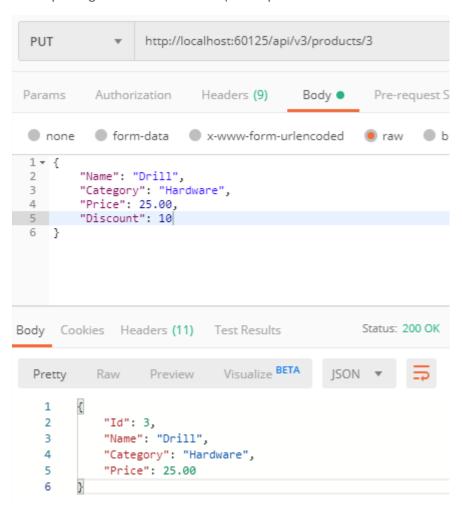


"Under-posting" will lead to 400 Bad Request. (Required: Name, Price*)

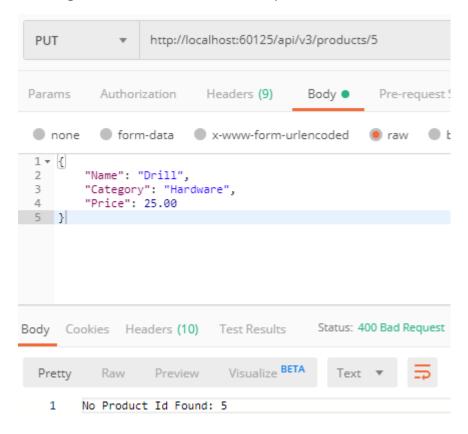
*Price must be between 0 to 100



"Over-posting" will lead to 200 OK. ("Over-post" values are excluded in creation)



^ "Discount" is excluded during creation



DELETE: api/v3/products/{id}

Link: http://localhost:60125/api/v1/products/1

Remove product based on id using Delete. (Available Id between 1 to 3)

