Spring AU '21 – Spring MVC – Afternoon Session
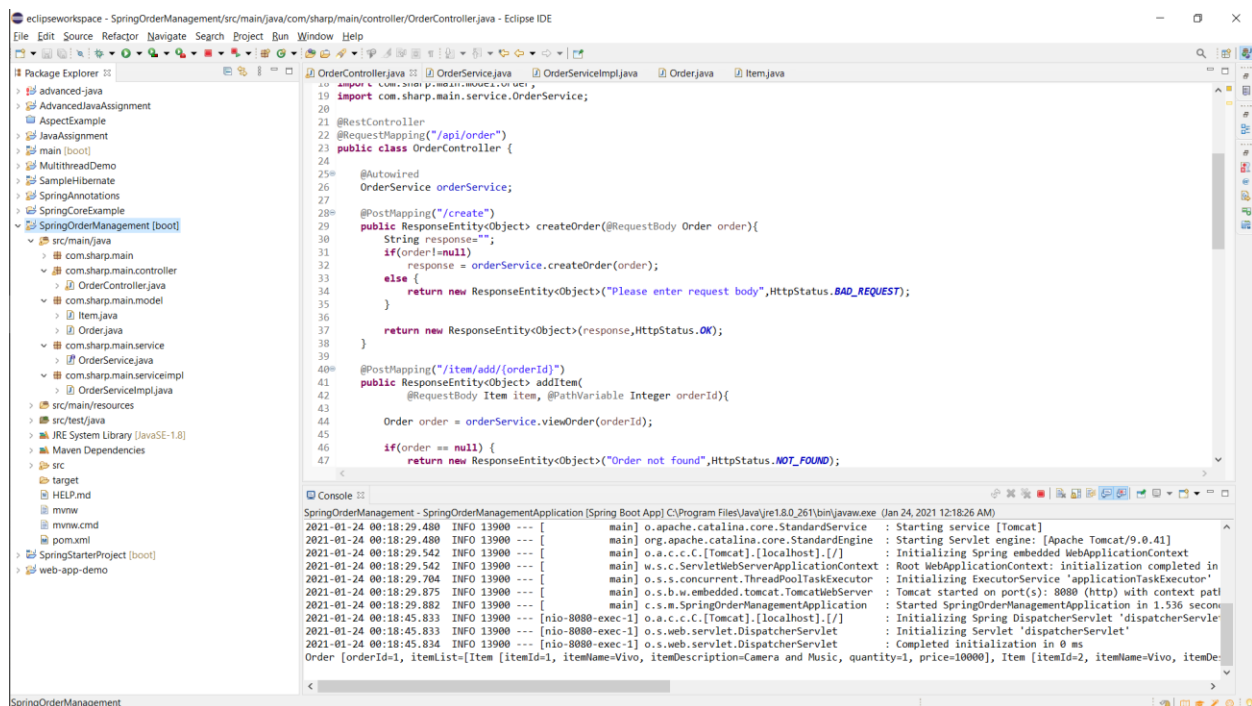
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Date: 20/01/2021

Source code uploaded in Git

Question:

1.Create Spring MVC application [properly MVC architecture]

Project structure screenshot

Q2. Order Management application – Uploaded the postman screenshots below

Create order -> http://localhost:8080/api/order/create - post api with json Body

Add item -> http://localhost:8080/api/order/item/add/1 - post api with Path variable as orderid and json body

View items -> http://localhost:8080/api/order/get/1 - get api with Path variable as orderid

Update item -> http://localhost:8080/api/order/item/update/1 - put api with Path variable as orderid and json body

Delete item -> http://localhost:8080/api/order/item/delete/1/3 - delete api with Path variables are orderid & itemid
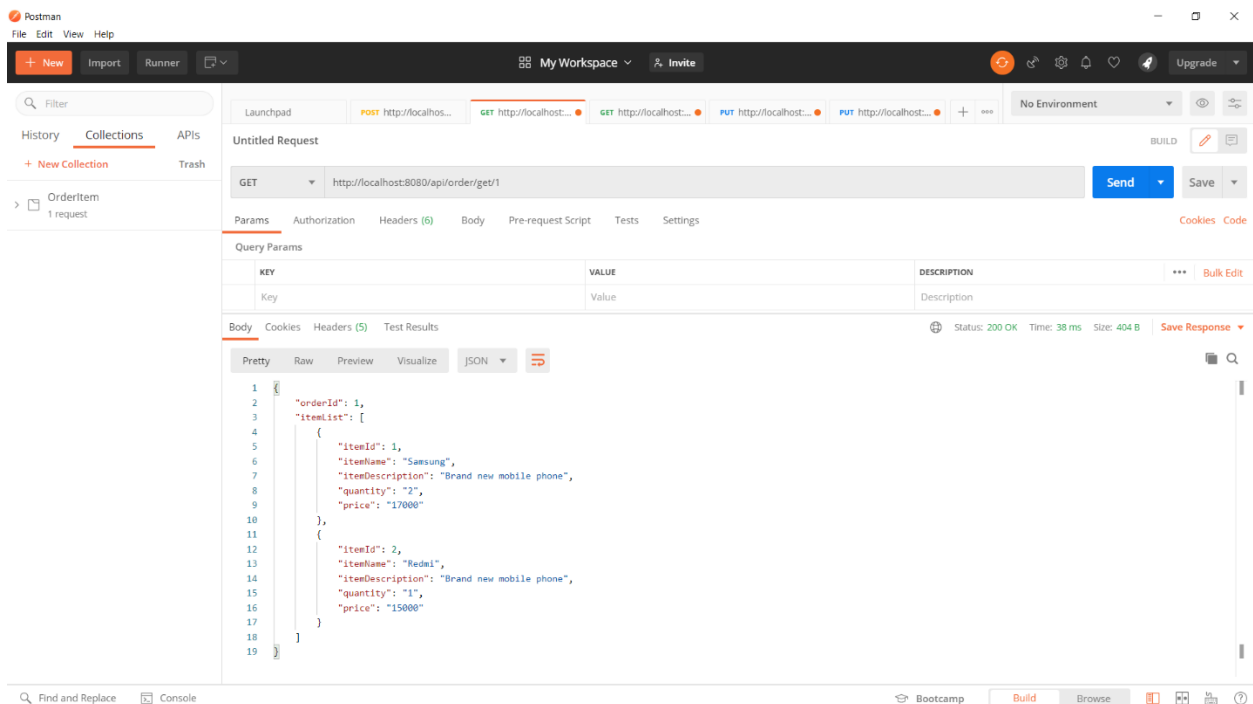
Depedency Injection wherever applicable

Validation and error handling wherever applicable

Create Order - > this api used to create new order with list of items
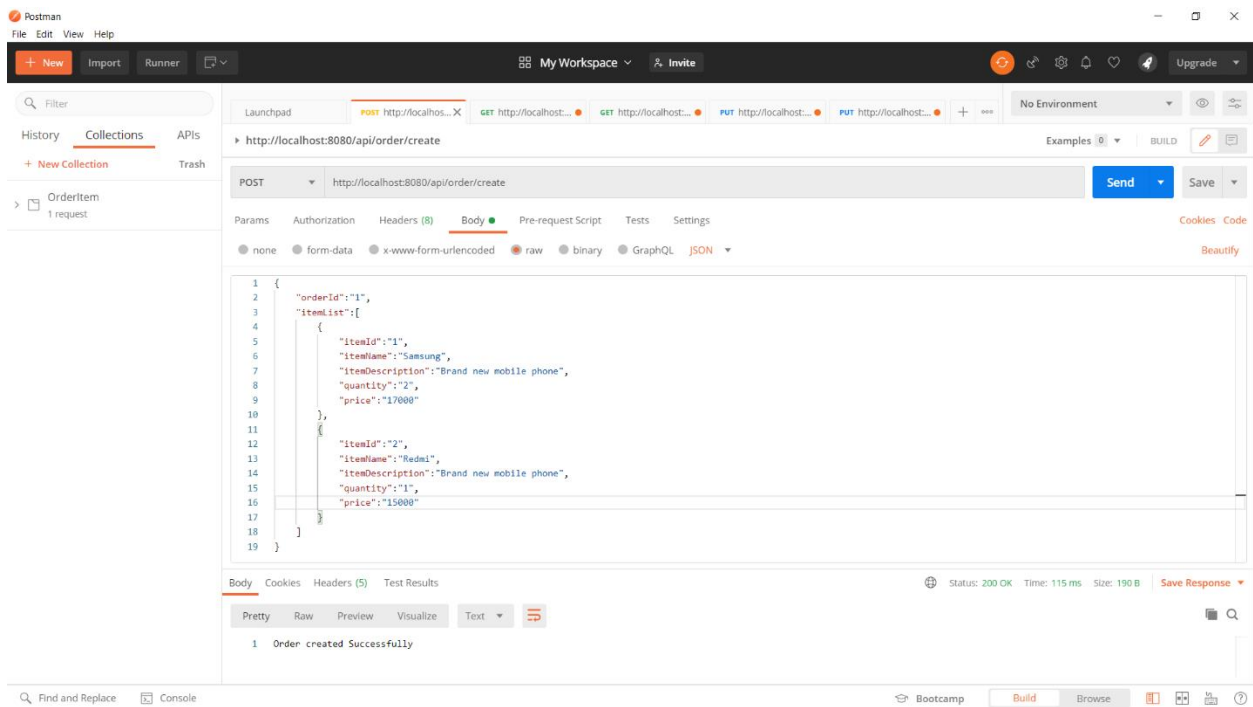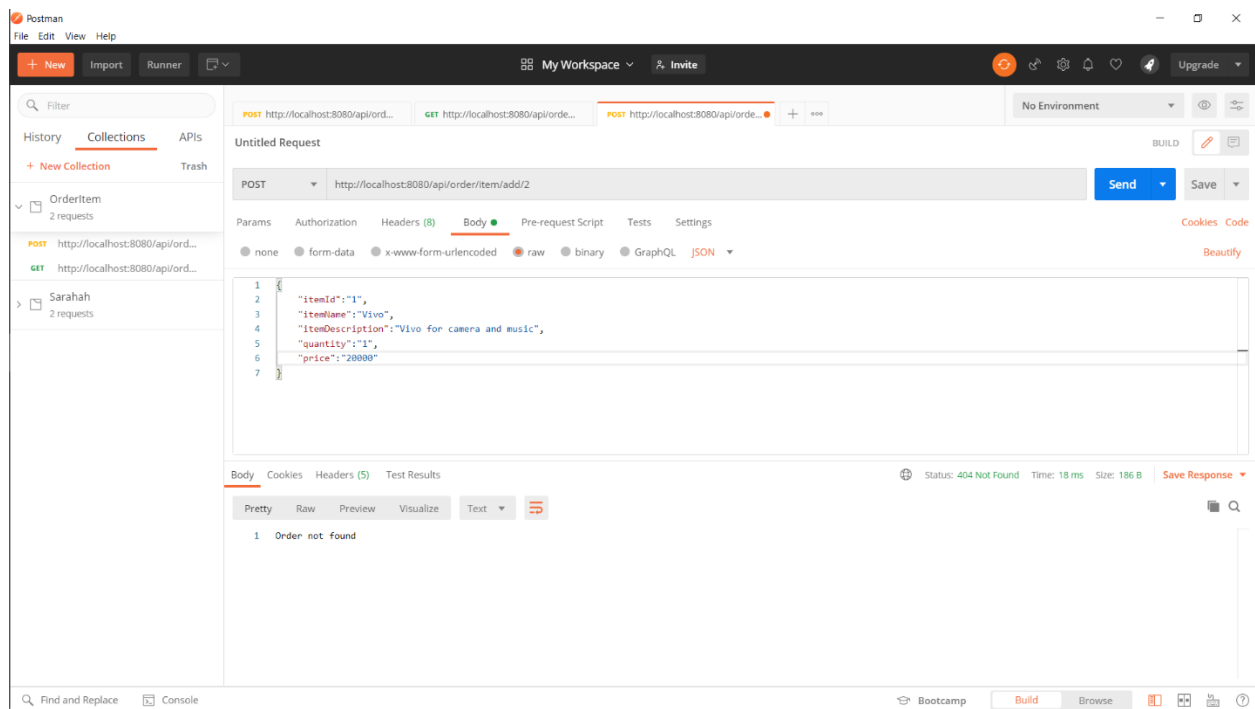

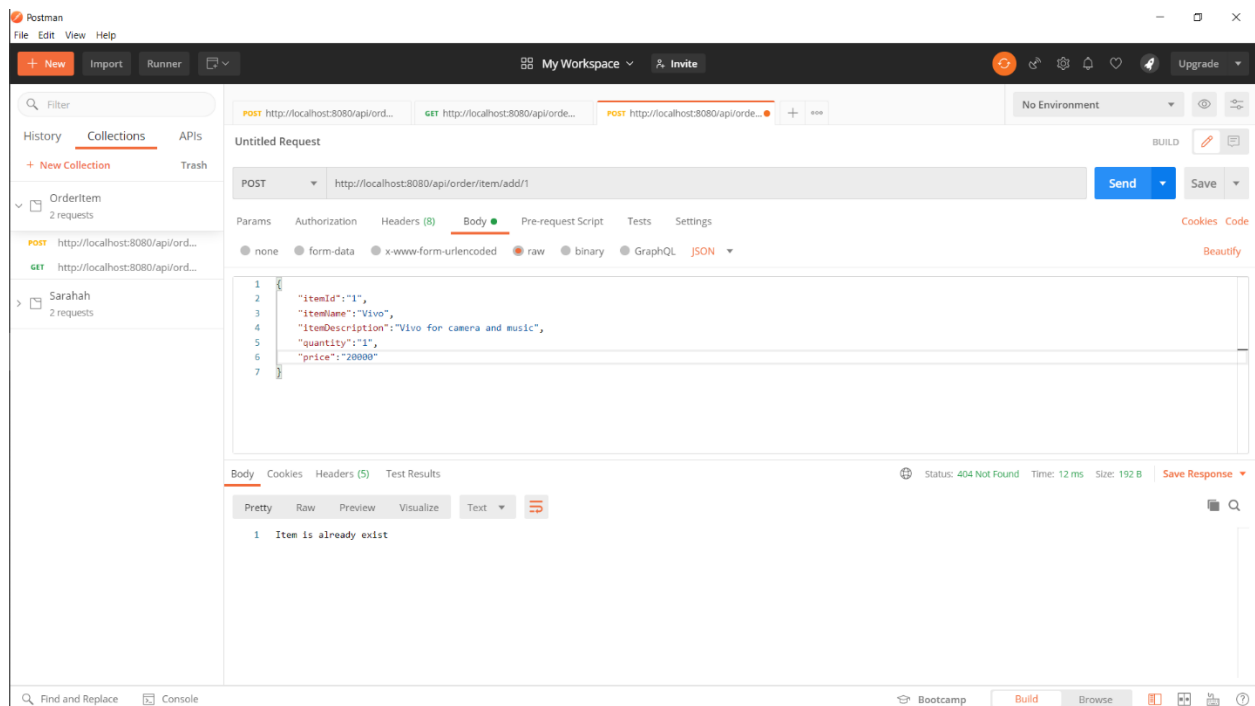View data using get api, after calling create api

Here created order is displayed

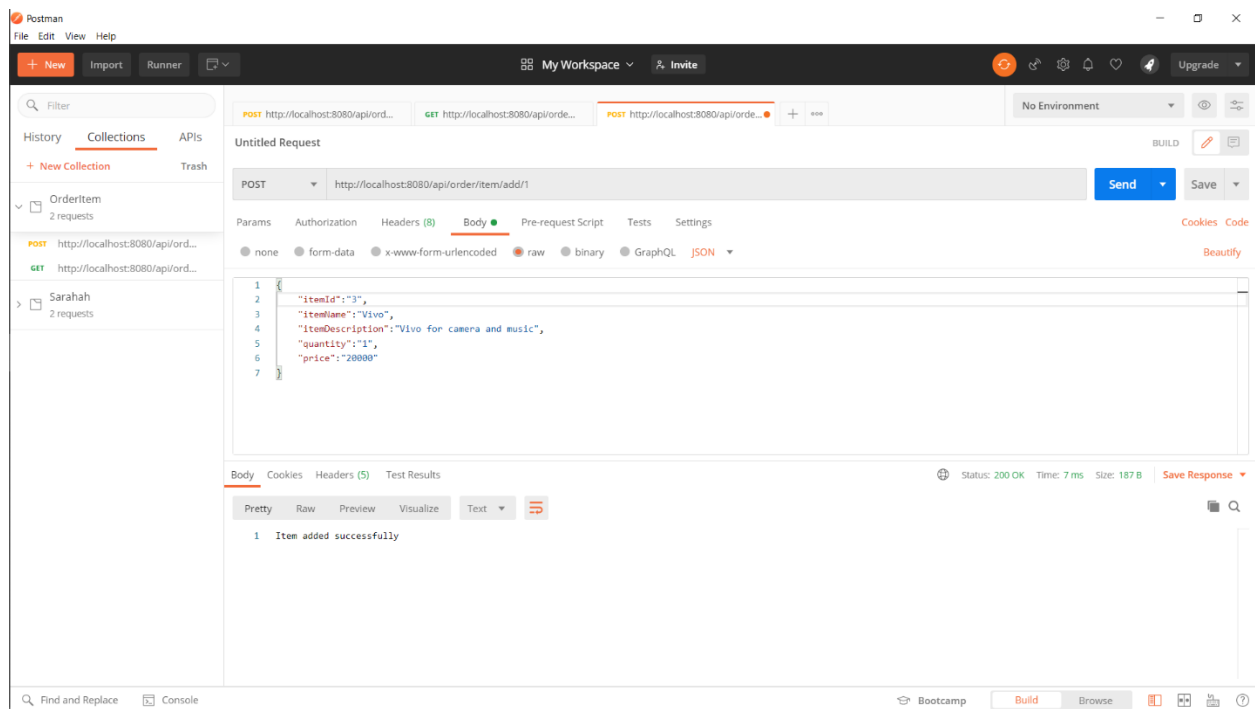Now add new item into the created order – If I tried with non-exist order, Let's see

So it shows the response as order not found

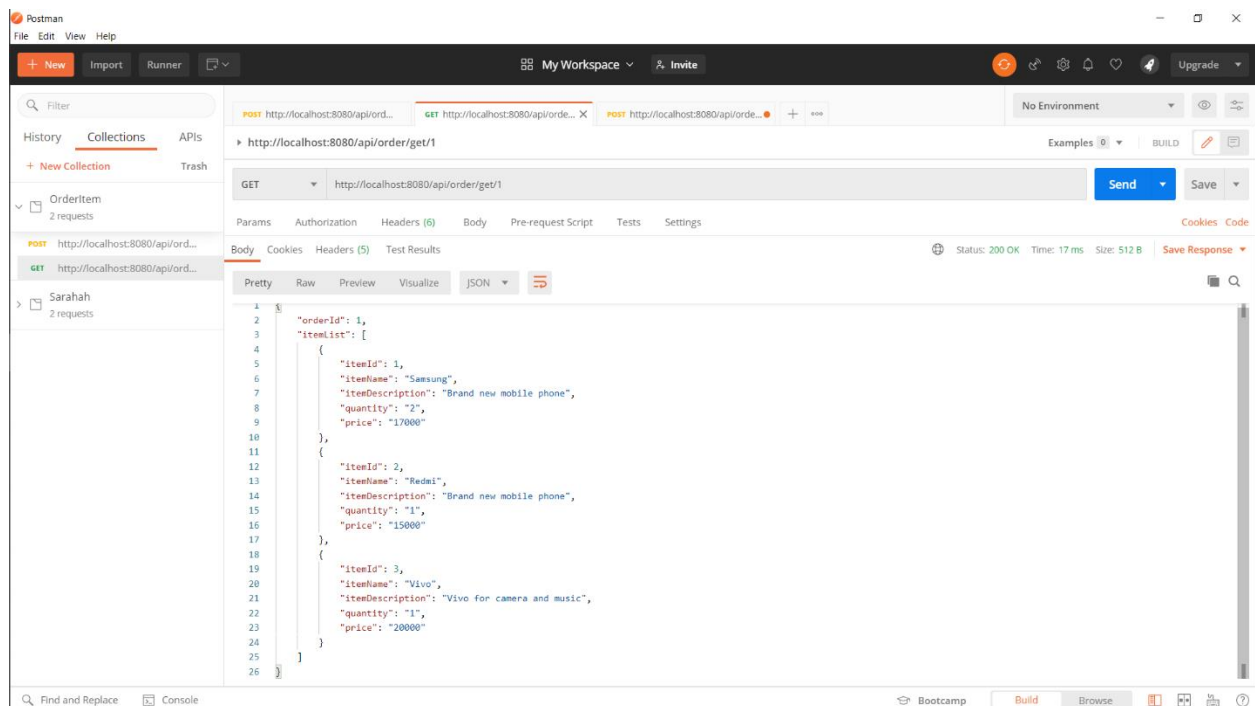Now try with exists order but I try to add existing Id, then what happened?? Let's see

Oops It shows Item is already exist

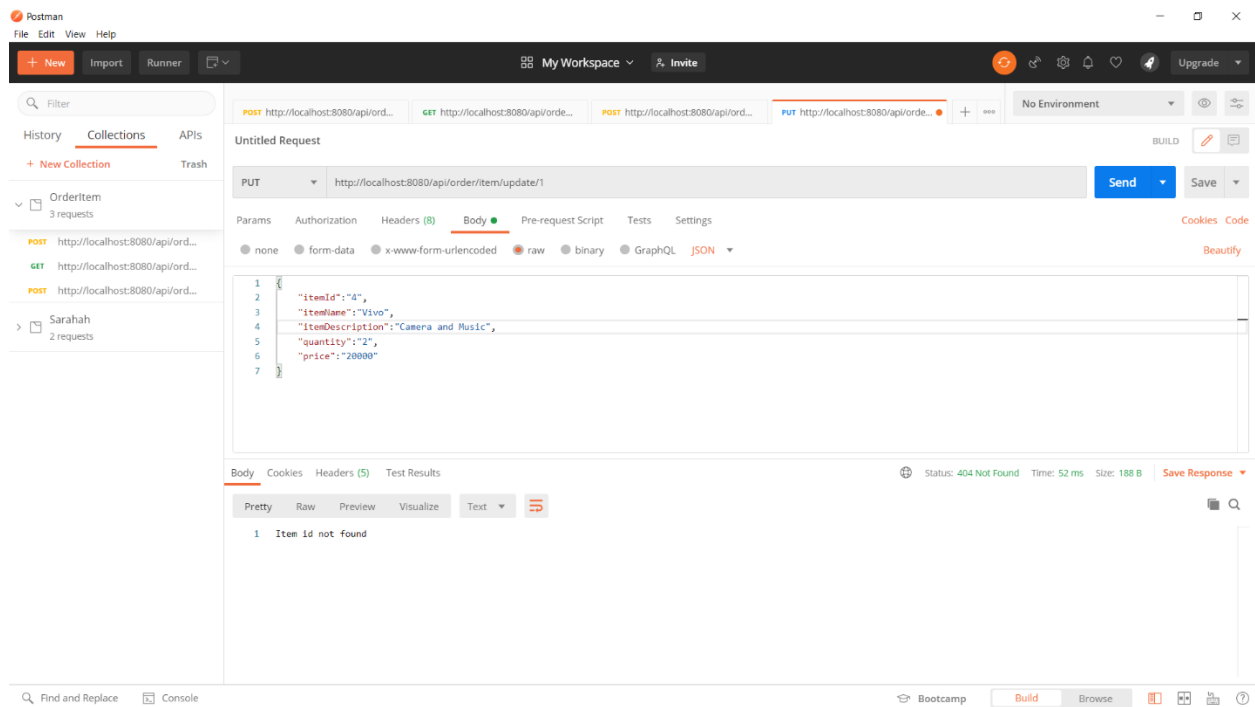Ok now try with new item id

Now Item is added successful, but we have to view the order for confirmation
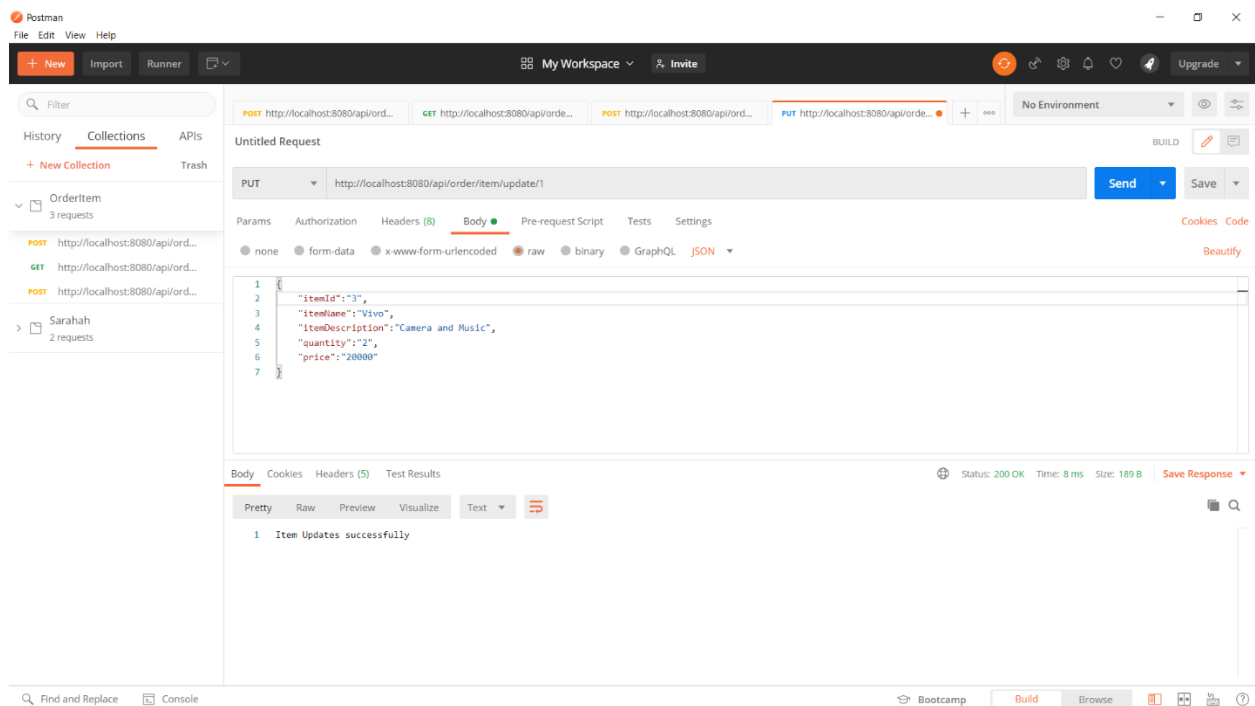

Yup new Item is added in the existing order.
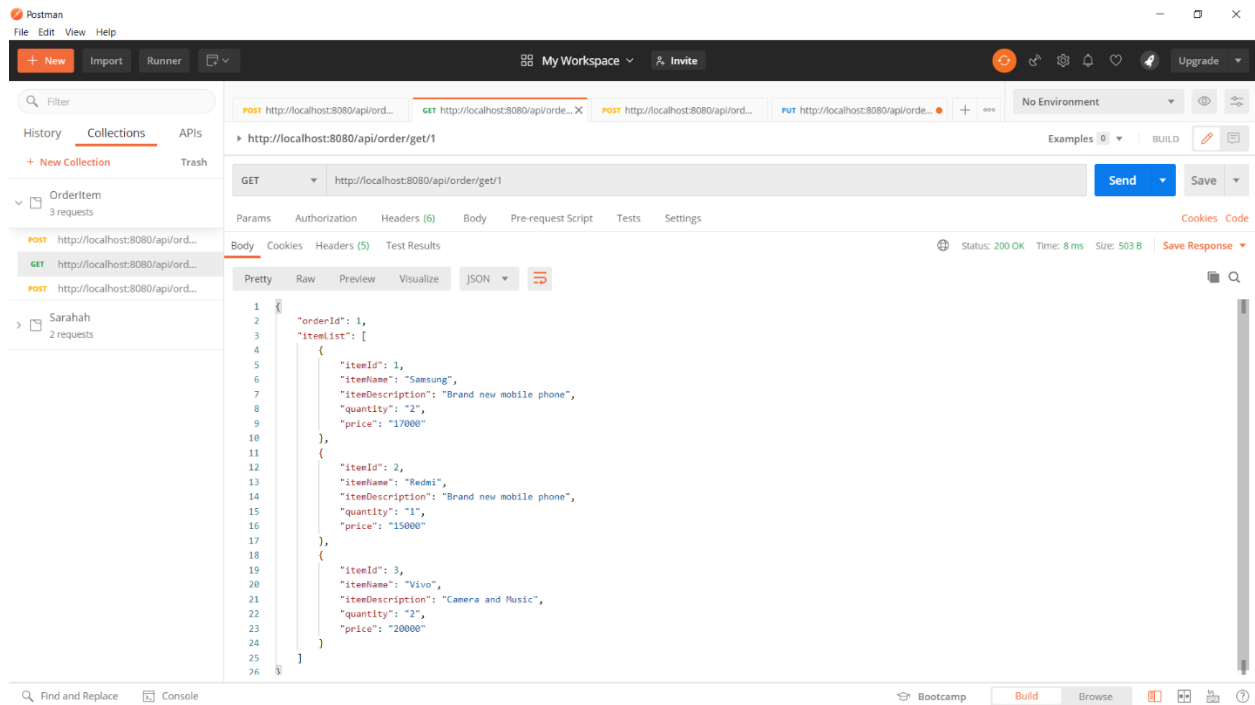
Next, Try the update api

It shows Item id not found, because our order had only 3 items, Here I am trying to update the item which is not there in order.
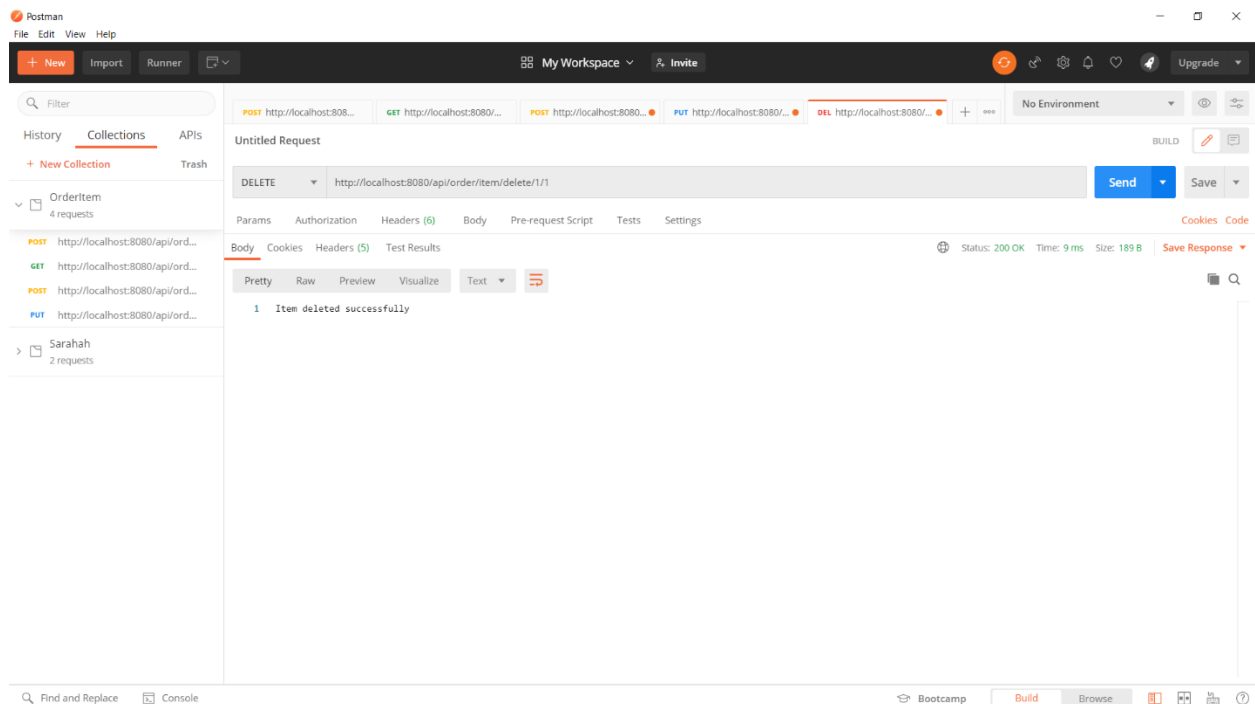

Now I change the Item id to 3, It works Item updated.

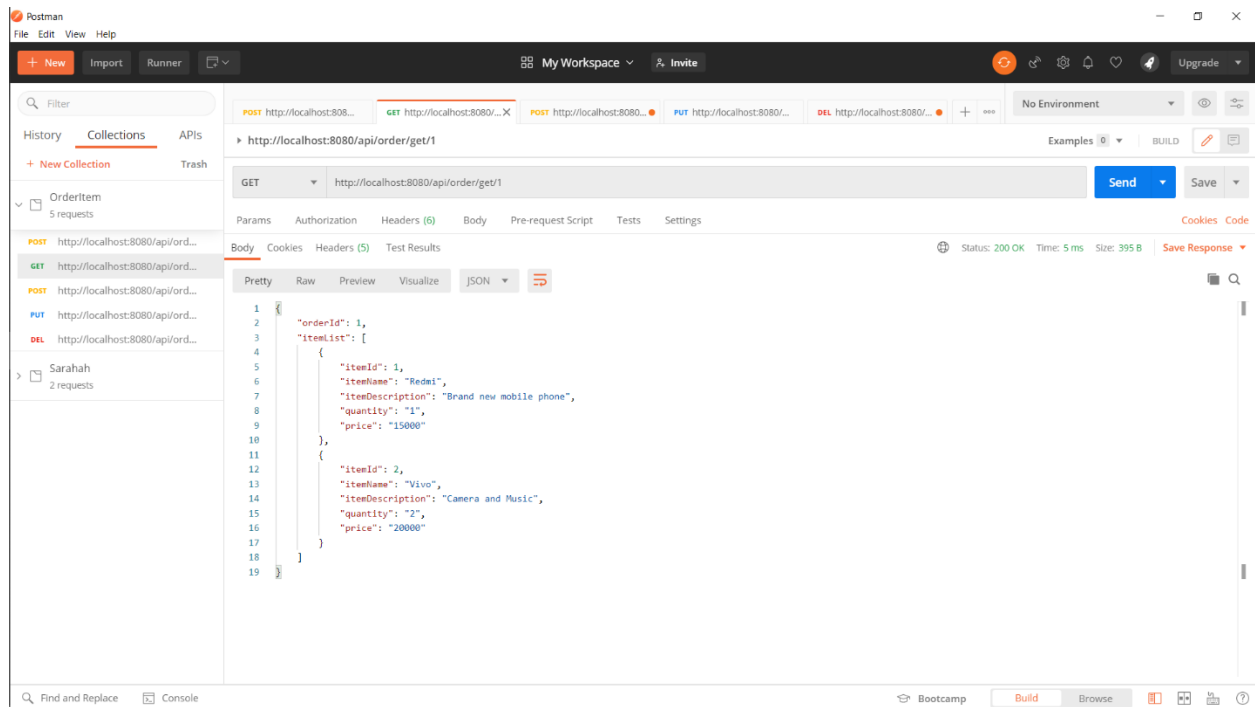But we have to confirm the update, so try get api once

Ya, Updation done successfully. Product description changed. Here using update api we will able to change any details of the item using item id.

Now check the delete api – try to delete the 1st item in 1st order

Response is "item deleted successfully"

Now check using get api

Yup, First product is Samsung and now it is deleted from the order, After deletion the item id in the item resets automatically.

These codes are also uploaded, Thank you.