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Week 4 Assessment
Question:

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I.Project template is provided .

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);
                      3.  void UpdateProduct(Integer id,Product
product)throws ProductNotFoundException
                      4.  void DeleteProduct(Integer id)throws
ProductNotFoundException


submit project source code in Zip format

Send screenshots of postman for all above operations in Word doc.
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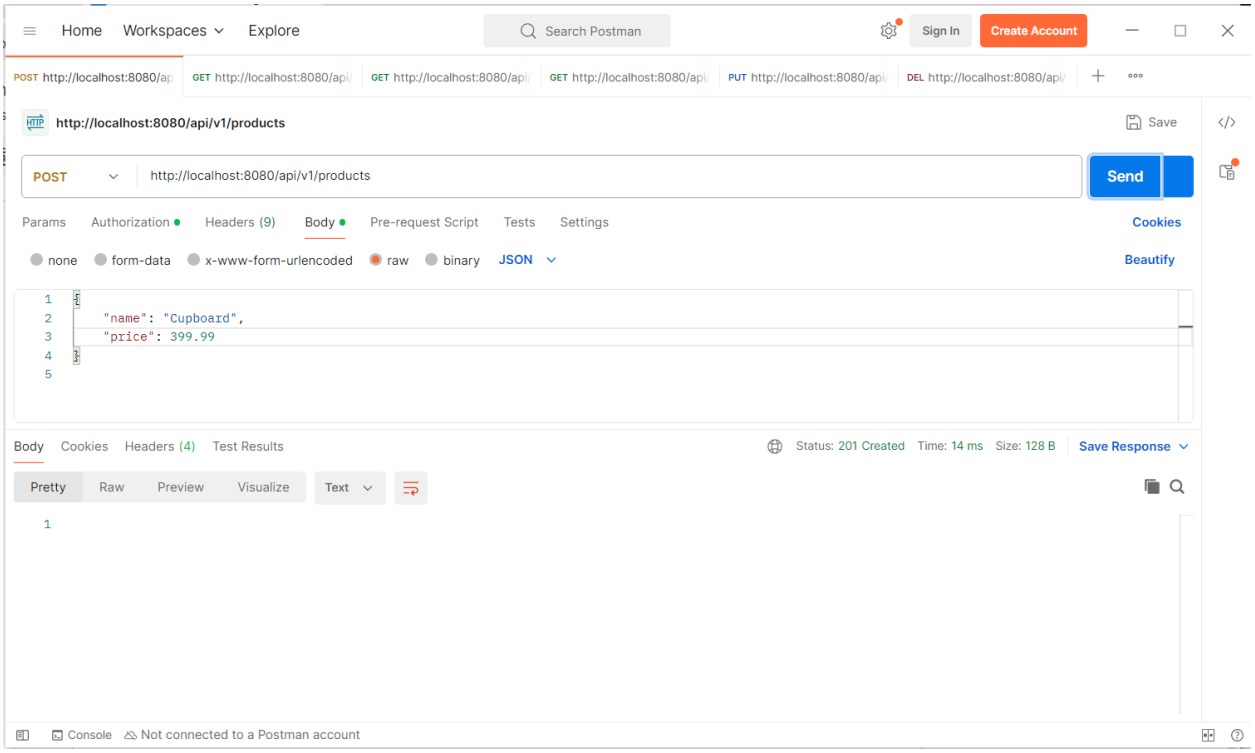
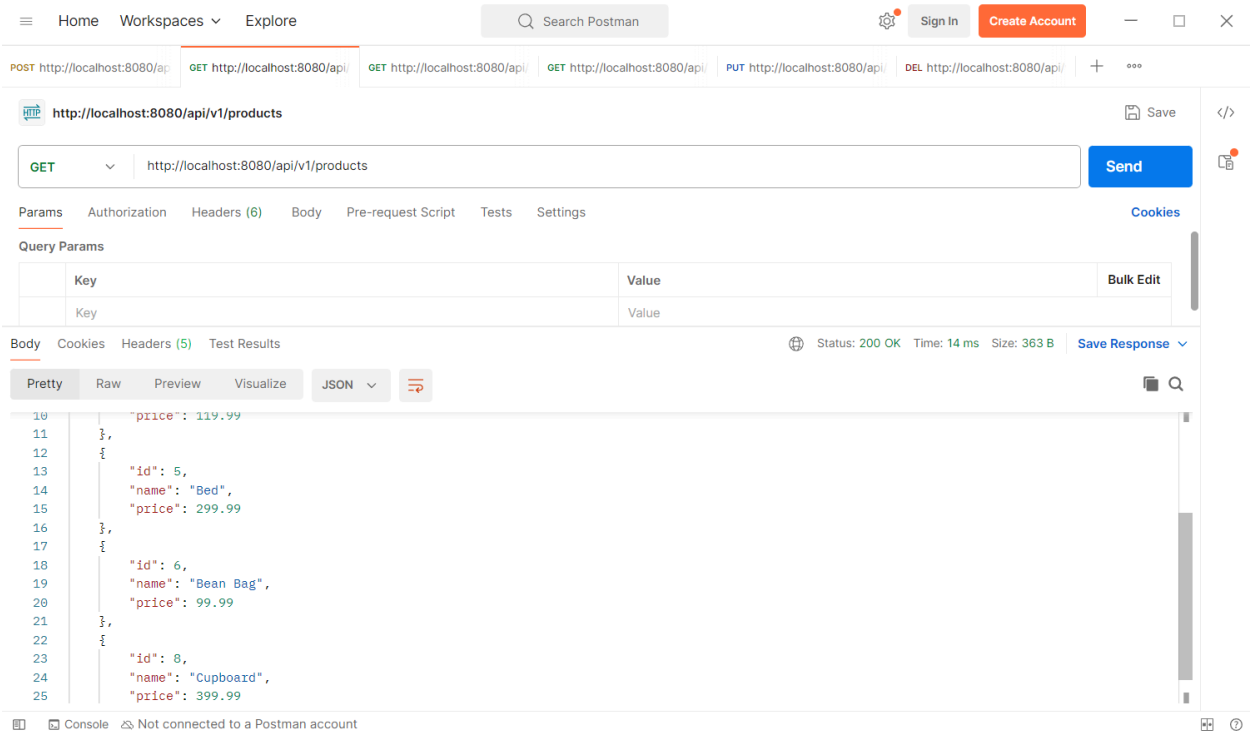
Screenshots of Postman Implementations:

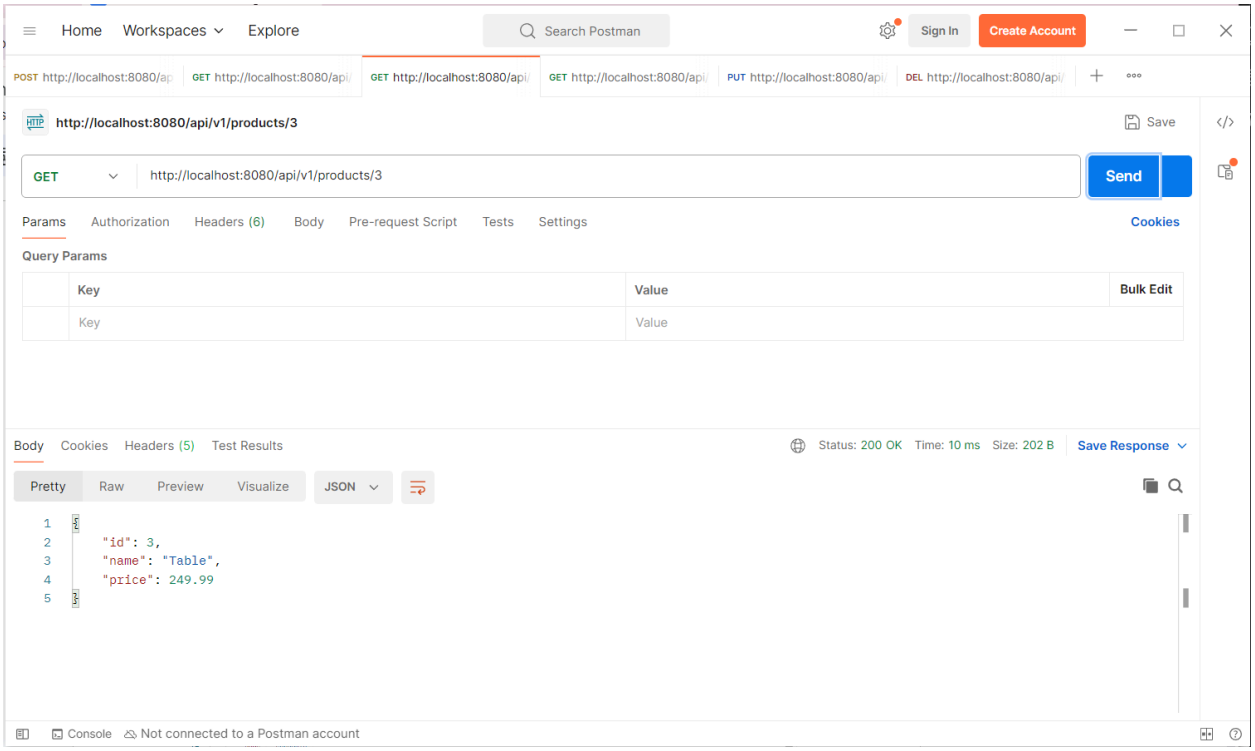
1. Insertion of a product into database:



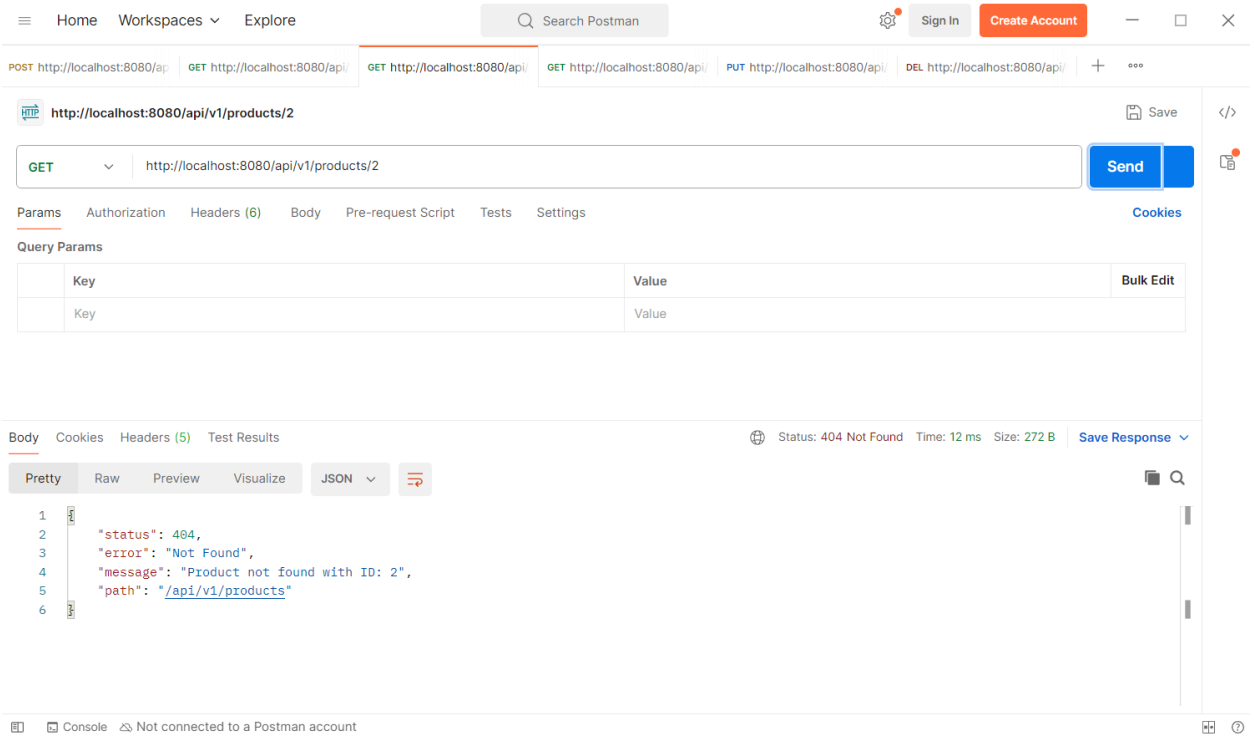
2. Retrieving All products from database:



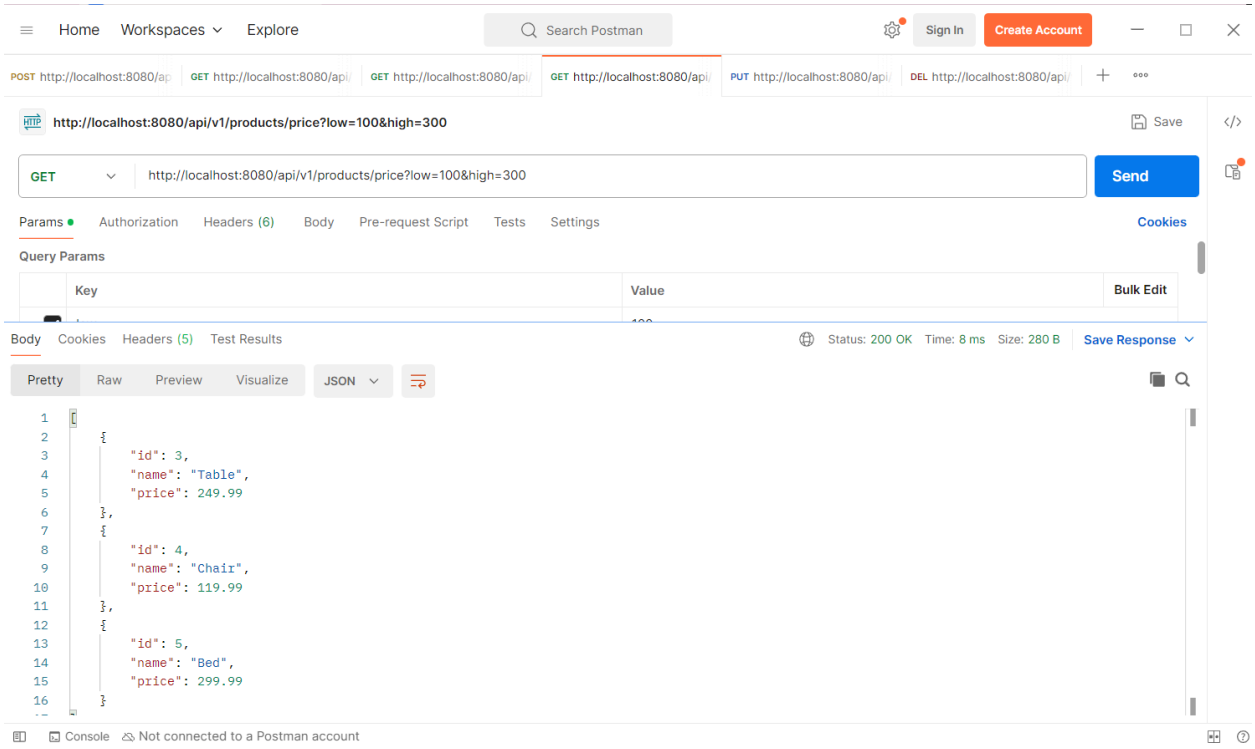
3. Retrieving product with a specific ID. Example ID = 3:



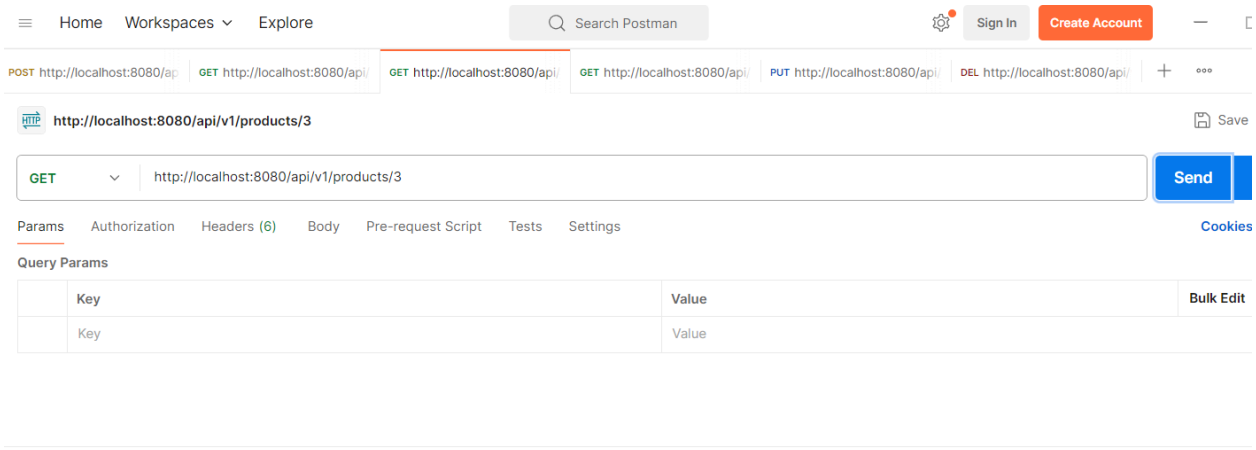
4. ProductNotFoundException:

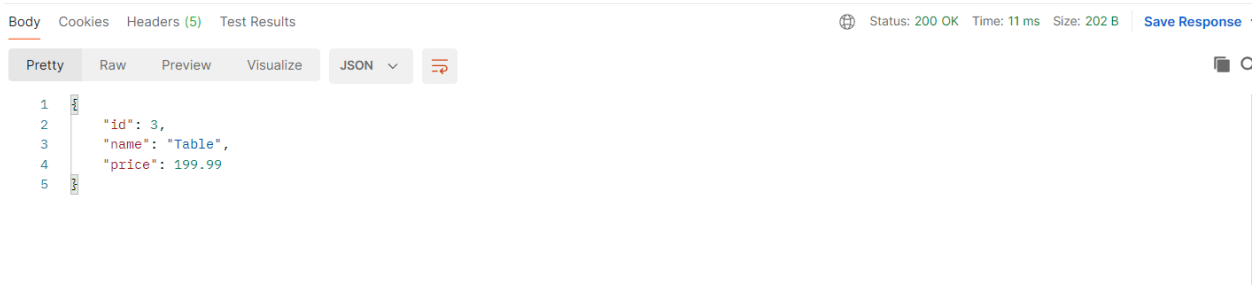


5. Retrieving products between a specific price range. The price is passed as query parameters in this case.

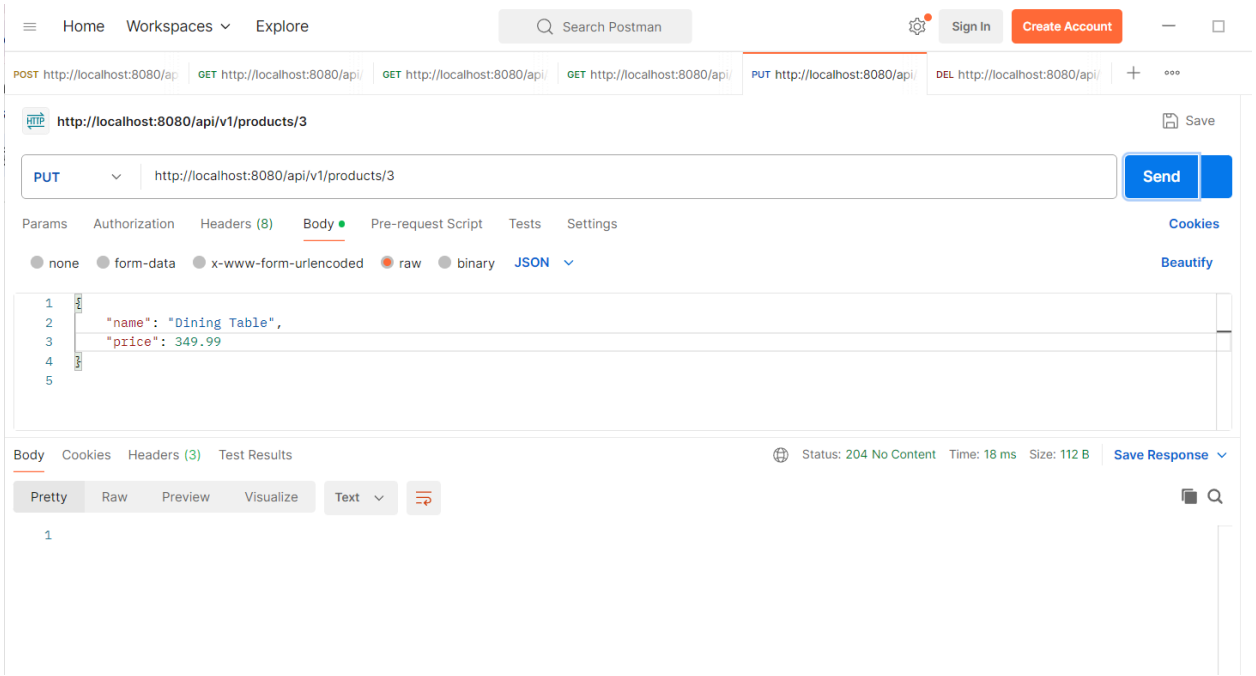


6. Updating a specific product, using productID. In this case we update the product with ID 3:
Before updating:

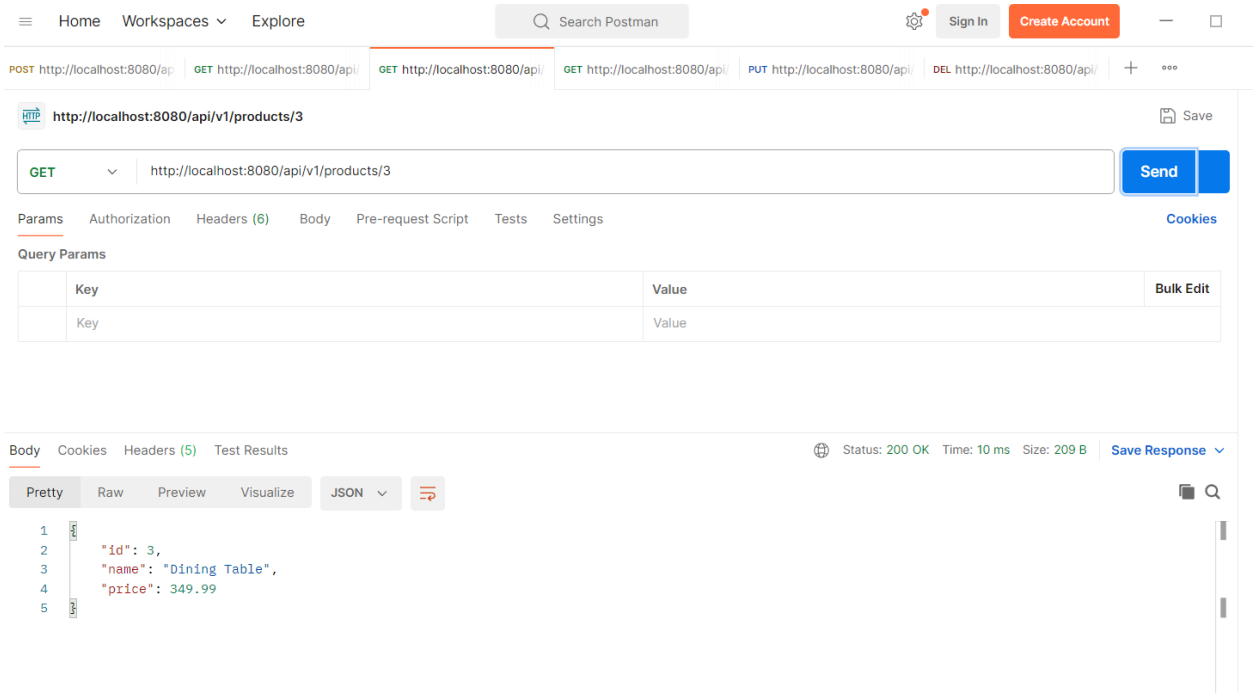




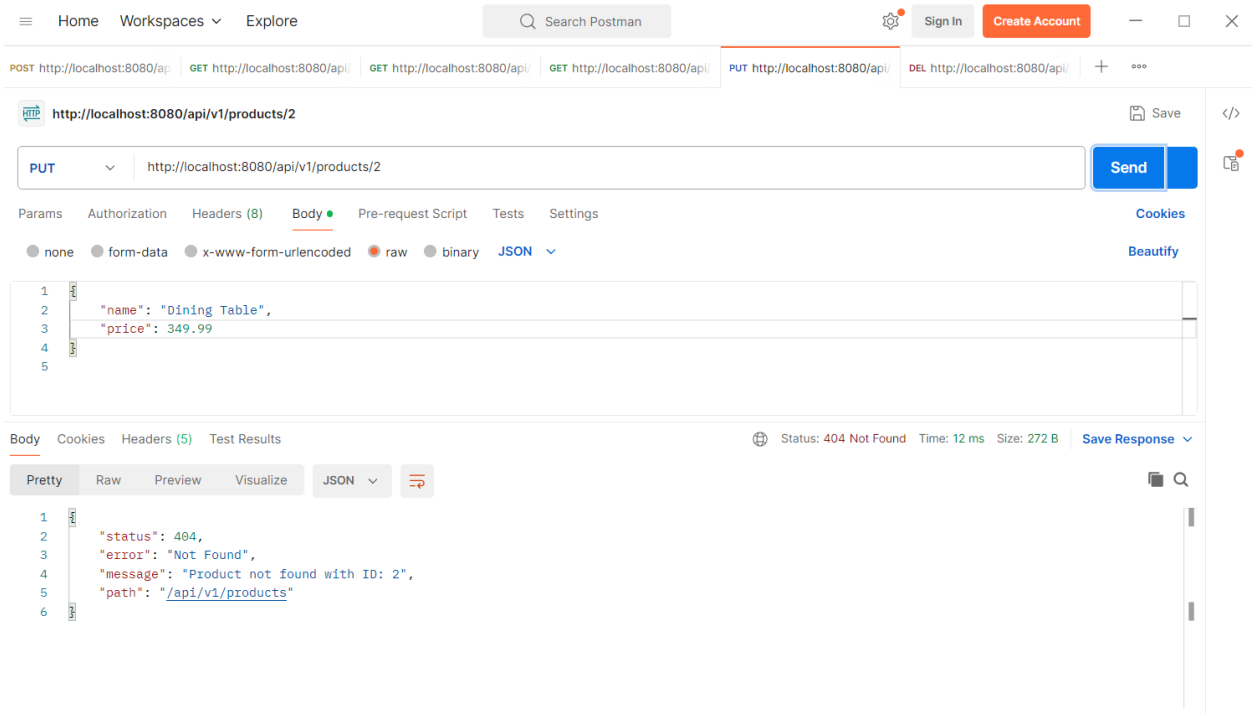
Performing Update operation:



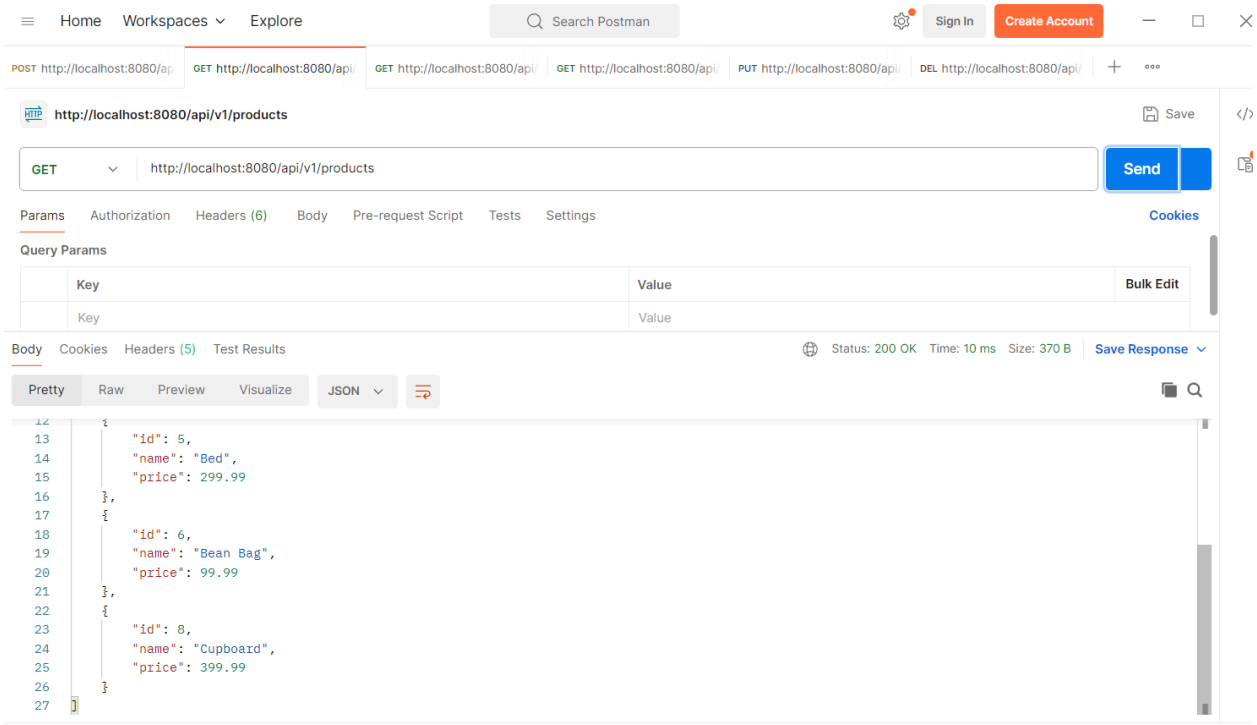
After update operation:



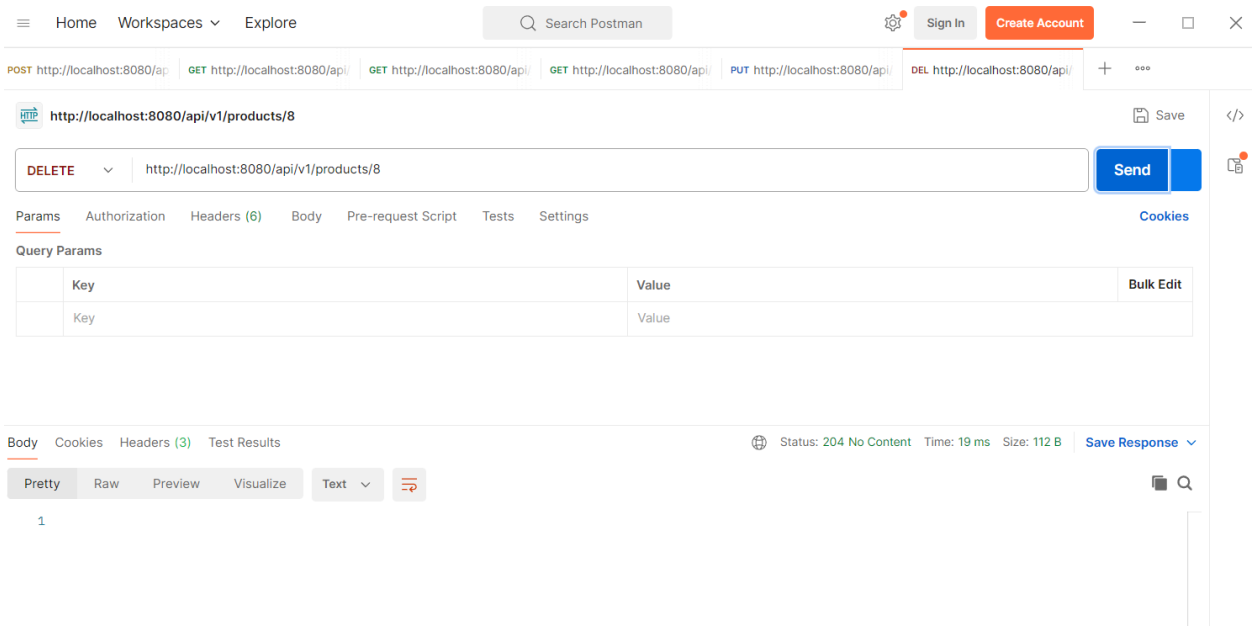
Trying to update a product with a productID that doesn't exist in the database:



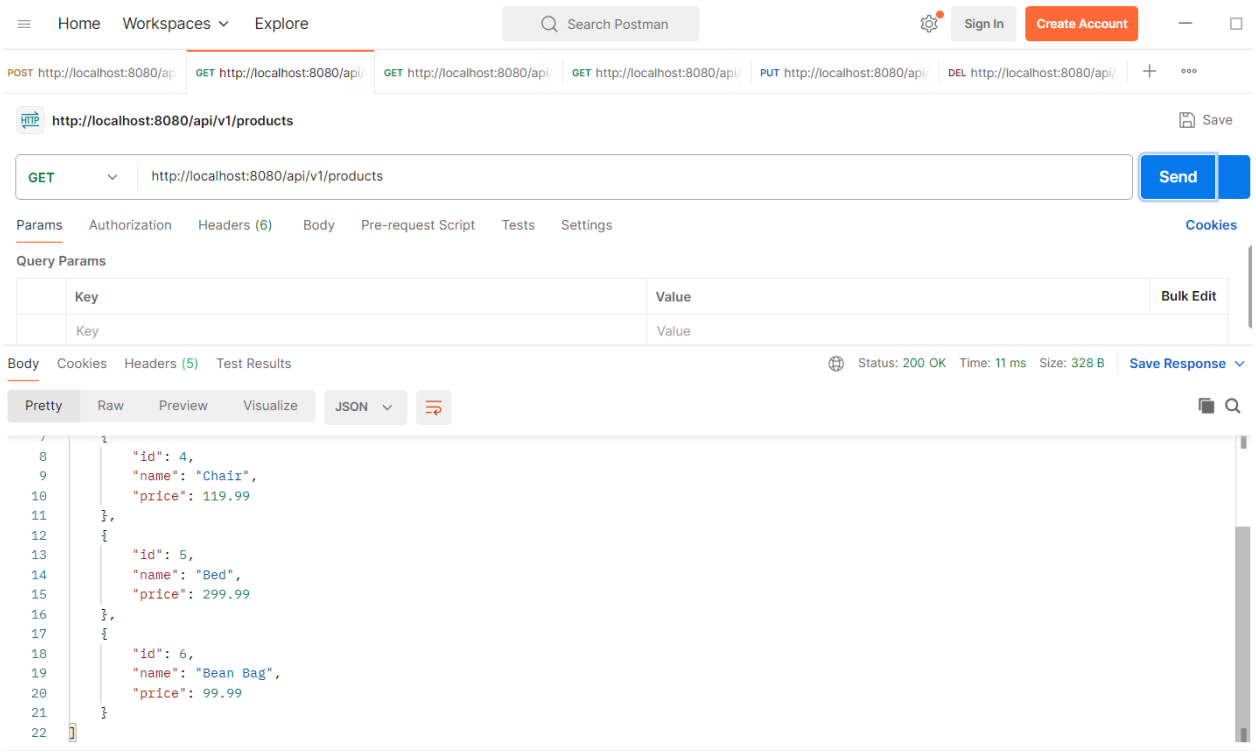
7. Deleting a product successfully:
All the products before deleting a product with ID 8:



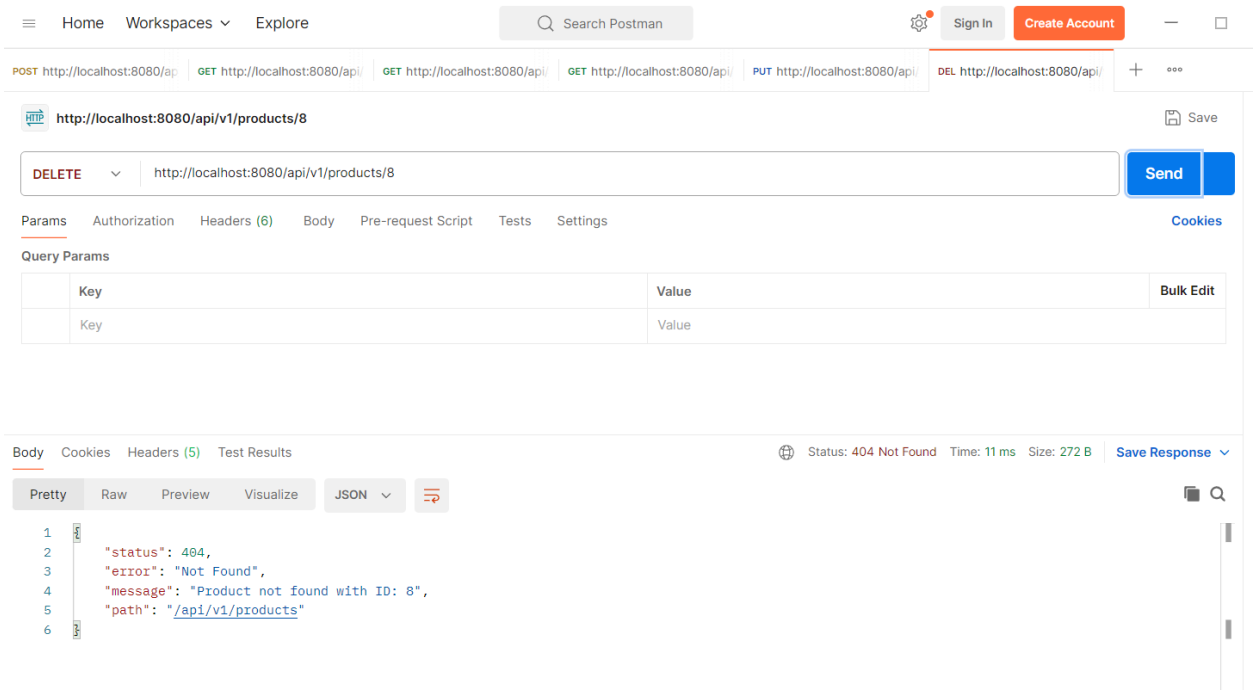
Performing Delete Operation:



Now displaying all the products in the database:



Trying to delete a product with a productID that doesn't exist in the database:



THANK YOU