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## **Task B**

GitHub Repository Link: <https://github.com/huichun66/cs3219otot-taskB>

Referenced Tutorial Link: <https://medium.com/@dinyangetoh/how-to-build-simple-restful-api-with-nodejs-expressjs-and-mongodb-99348012925d>

## **Instructions:**

### **Running the APIs locally (B1):**

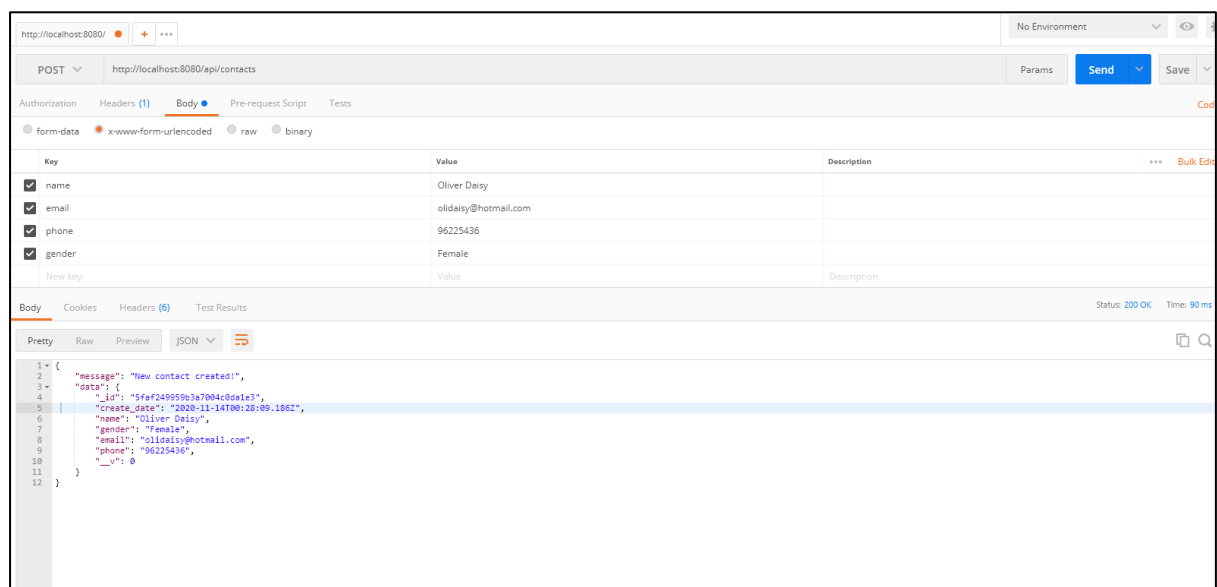
cd resthub

node index

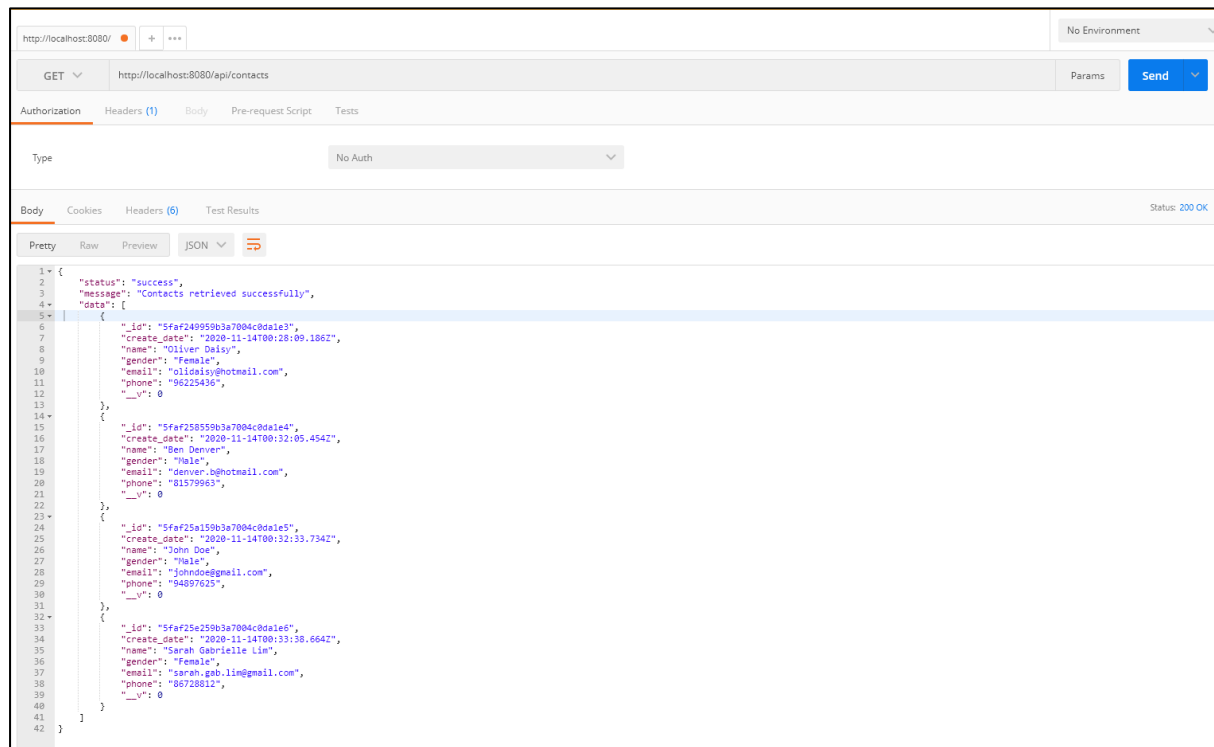
### **Access deployed APIs (B1):**

Download the Postman app from <https://www.postman.com/downloads/>

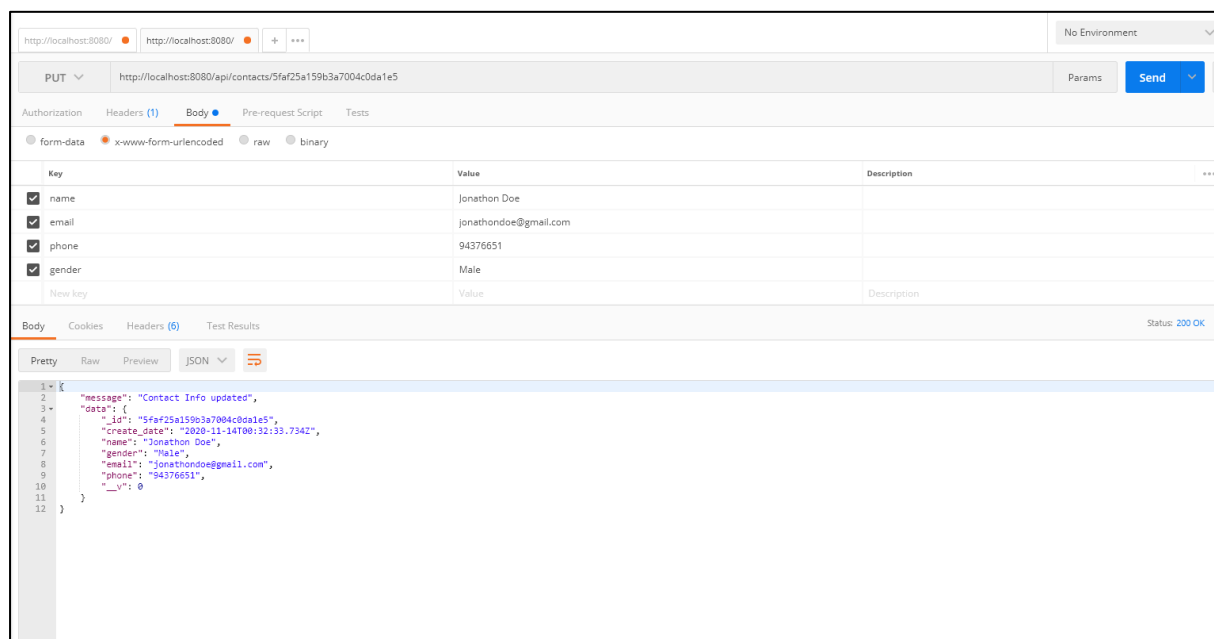
First, before we demo GET calls on Postman to retrieve list of contacts, we have to create some contacts in the database. To do that, we use POST api call (/api/contacts) on Postman to create some contacts. This is the sample screenshot shown for a successfully created contact (POST request).



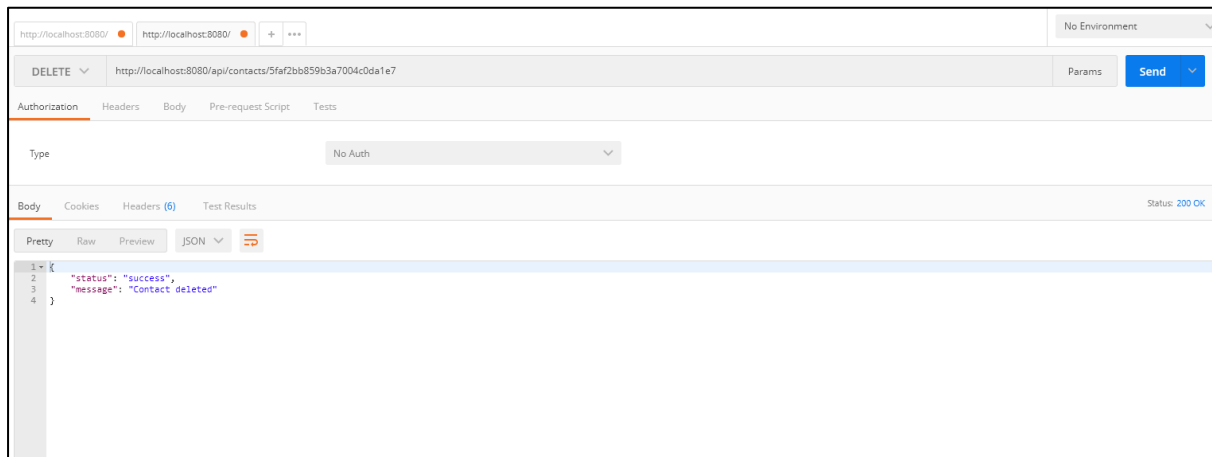
After creating some Contact records, we can now demo the GET api call on Postman with the following url shown in the screenshot below. Upon successful retrieval, a list of contacts from the database should be retrieved.



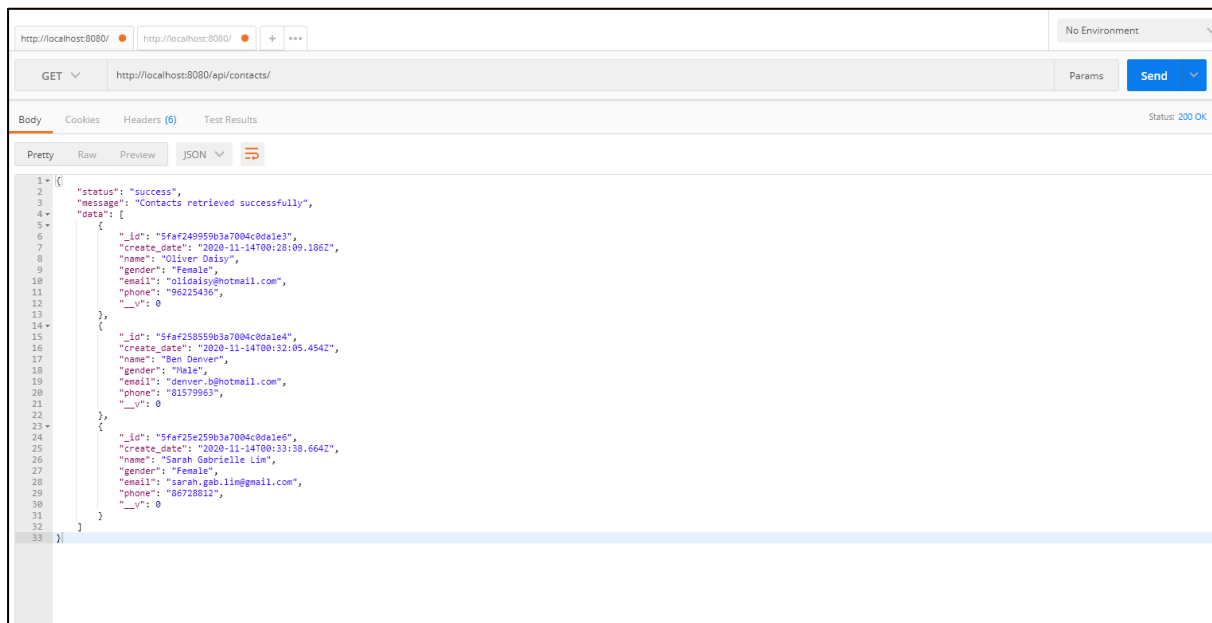
To update a particular Contact record, we call the (`/api/contacts/:id`) api with a PUT request as shown below. In this example, we are updating John Doe's contact details to change his name, email and phone number. To view a particular Contact record, we call (`/api/contacts/:id`) api with a GET request.



To delete a particular Contact record, we call (/api/contacts/:id) api with a DELETE request. In this example, we have deleted the record that we have just updated.



So, if you call the GET request on the list of contacts again, there should be one less record now as shown below.



**Run tests locally and via Travis (B2):**