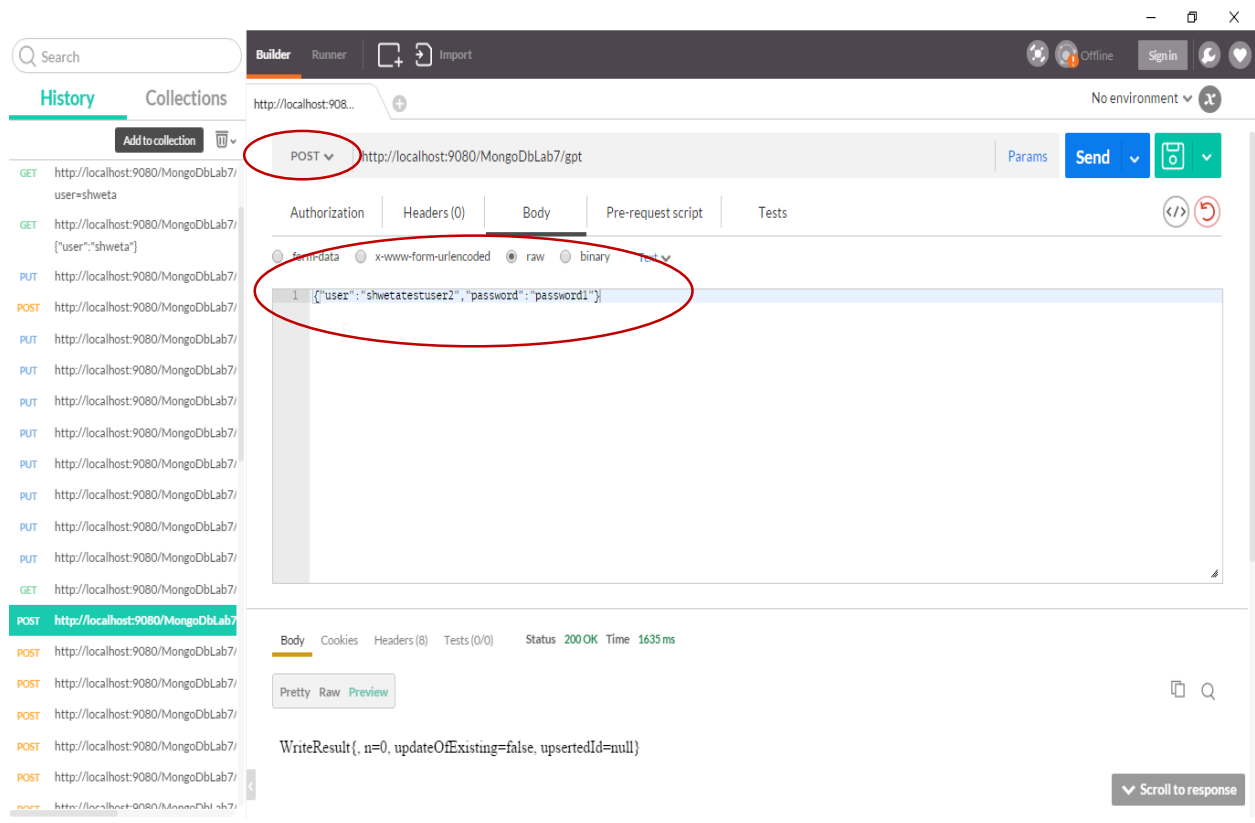


## ASE Lab # 7 submitted by Shweta Parihar Class ID – 42

**Note:** I have used Postman for validating the results of my rest services.

This screen shot shows the POST (insert) functionality. Here I am trying to insert username and password using POST.



Data has been inserted (highlighted in the screen shot)

The screenshot shows the mLab MongoDB web interface. The browser address bar displays the URL: `https://mlab.com/databases/aselab7/collections/user?q=&f=&s=&pageNum=0&pageSize=10`. The page title is "All Documents". Below the title, there is a "Display mode" selector with "list" selected and a link to "edit table view". A "records / page" dropdown is set to "10", and a pagination indicator shows "[1 - 3 of 3]".

The main content area displays a list of three documents. Each document is shown in a dark grey box with a light grey border. The first document has an ID of "56dcebbd30260d36500fb8fd", a password of "password1", and a user of "Pandit". The second document has an ID of "56ddfc5e30260d4154cc137a", a user of "shwetatestuser1", and a password of "newpassword". The third document, which is highlighted with a red circle, has an ID of "56dd002e30260d0e5cf17e13", a password of "password1", and a user of "shwetatestuser2".

On the right side of the interface, there is a note: "(note that temporary result collections will be viewable in mLab). You can also add, edit, and delete individual documents from here. Bulk collection updates are not yet supported in this UI (although they are supported in the shell).".

The footer of the page features the mLab logo and social media icons for Twitter, Facebook, and Google+.

In this screen shot I am trying to update the already existing user name and password using PUT.

The screenshot displays a REST client interface with a 'History' panel on the left and a 'Builder' panel on the right. The 'History' panel lists several requests, with the most recent one being a PUT request to `http://localhost:9080/MongoDbLab7/gpt`. The 'Builder' panel shows the details of this request, including the method (PUT), the URL, and the body. The body is a JSON object: `{"user": "shwetatestuser2", "password": "CHANGED_PASSWORD"}`. The status bar at the bottom indicates a successful response with a status of 200 OK and a time of 1796 ms. The response body is `WriteResult{, n=1, updateOfExisting=true, upsertedId=null}`.

**History Panel:**

Method	URL
GET	http://localhost:9080/MongoDbLab7/user=shwetatestuser1
GET	http://localhost:9080/MongoDbLab7/user=shweta
GET	http://localhost:9080/MongoDbLab7/{"user":"shweta"}
PUT	http://localhost:9080/MongoDbLab7/gpt
POST	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
PUT	http://localhost:9080/MongoDbLab7/
GET	http://localhost:9080/MongoDbLab7/
POST	http://localhost:9080/MongoDbLab7/
POST	http://localhost:9080/MongoDbLab7/
POST	http://localhost:9080/MongoDbLab7/
POST	http://localhost:9080/MongoDbLab7/
POST	http://localhost:9080/MongoDbLab7/

**Builder Panel:**

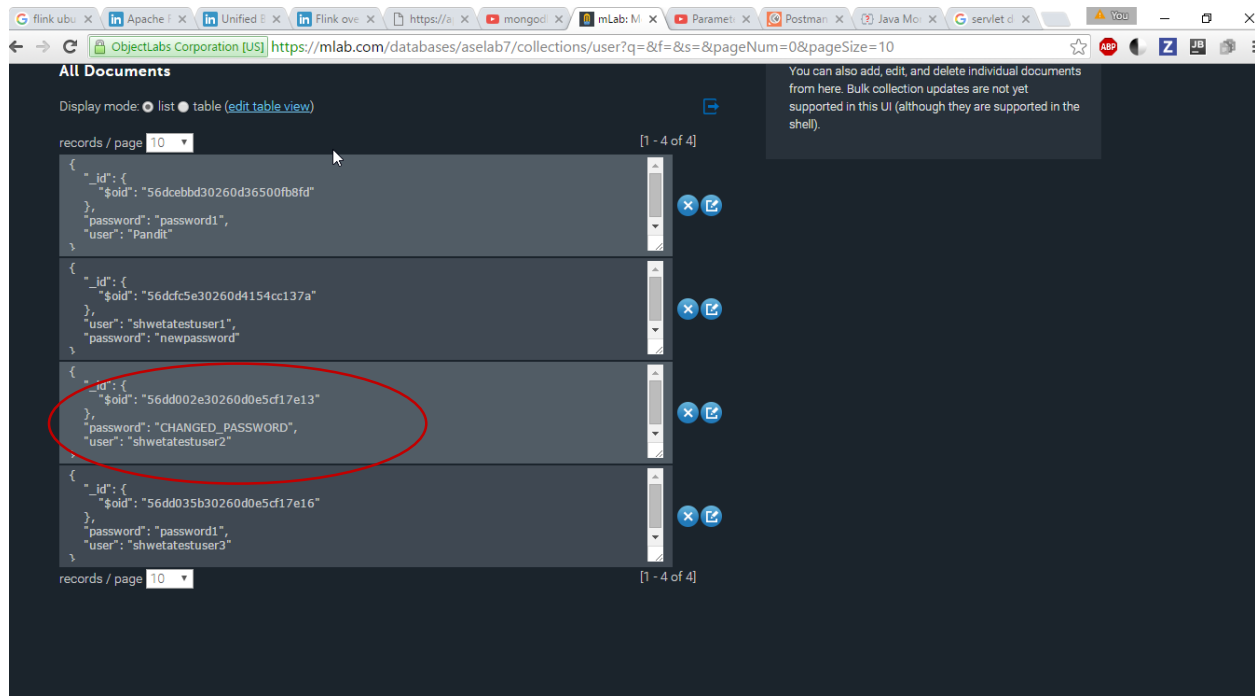
Method: PUT  
URL: http://localhost:9080/MongoDbLab7/gpt

Authorization:   
Headers (0):   
Body: `{"user": "shwetatestuser2", "password": "CHANGED_PASSWORD"}`

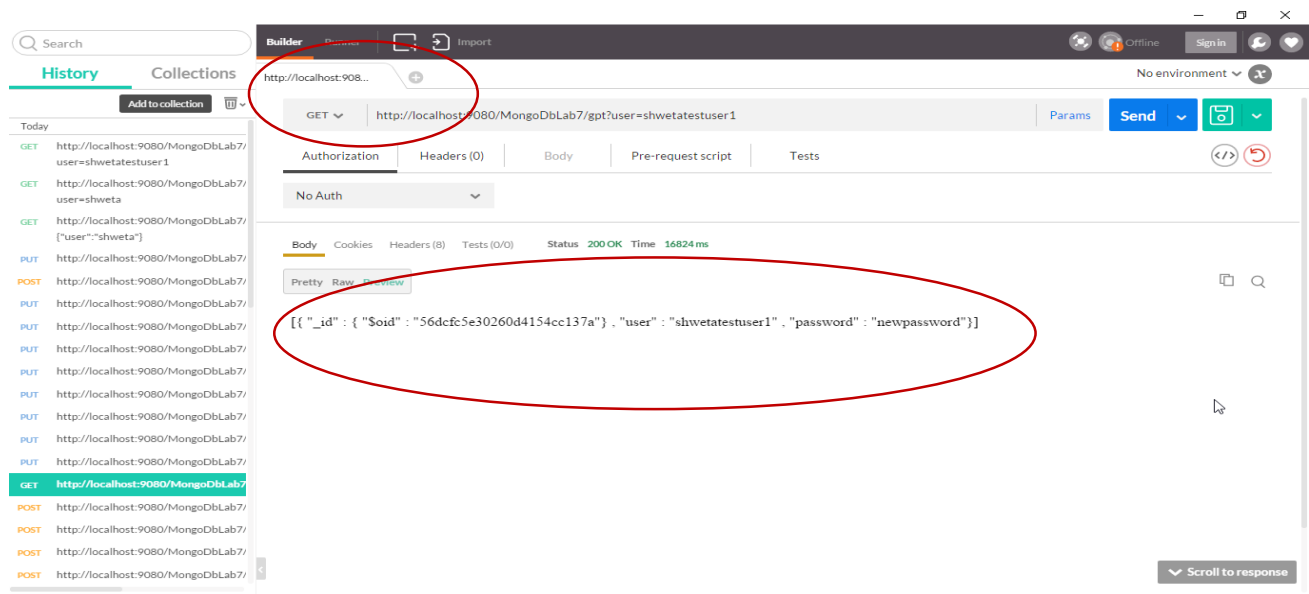
Form data:   
x-www-form-urlencoded:   
raw:   
binary:   
Text:   
Preview:   
Raw:   
Pretty:   
Status: 200 OK  
Time: 1796 ms

WriteResult{, n=1, updateOfExisting=true, upsertedId=null}

Below screen shot shows the changed password which has been changed using PUT in the previous screen shot



Below screen shot reads the already existing data in the database using GET



Below screen shot show the DELETE functionality

The screenshot displays a REST client interface with a sidebar on the left and a main workspace on the right. The sidebar contains a search bar, tabs for 'History' and 'Collections', and a list of recent requests. The main workspace is divided into a top configuration bar and a bottom response area.

**Request Configuration:**

- Method:** DELETE (highlighted with a red circle)
- URL:** http://localhost:9080/MongoDbLab7/gpt
- Body:**

```
{ "user": "shwetatestuser4" }
```

**Response:**

- Status:** 200 OK
- Time:** 6599 ms
- Body:**

```
WriteResult{, n=1, updateOfExisting=false, upsertedId=null}
```

Below screenshot shows the data has been deleted.

