

PRACTICAL NO 3(B)

OUTPUT :-

A] FETCHING DATA FROM DATABASE :-

The screenshot shows the MongoDB Compass web interface. At the top, there's a navigation bar with 'Connect', 'Edit', 'View', 'Collection', and 'Help'. Below it, a tab labeled 'profile' is active. The main area displays the 'student' collection, with 'Documents' selected. A search bar contains the text 'Type a query: { field: 'value' } or [Generate query](#)'. Below the search bar, there are buttons for 'ADD DATA' and 'EXPORT DATA'. The document being viewed is a JSON object:

```
{ "_id": ObjectId('661f416d52e00be2c0191e98'), "name": "roshan", "email": "roshan@gmail.com", "loaction": "nashik" }
```

. The bottom status bar shows 'MONGOSH' and system information like '39°C Smoke' and '09:21 AM 17-04-2024'.

The screenshot shows a web browser window with the address bar displaying 'localhost:4000/getData'. The page content shows a 'Pretty-print' button and a JSON array of documents:

```
[{"_id": "661f416d52e00be2c0191e98", "name": "roshan", "email": "roshan@gmail.com", "loaction": "nashik"}]
```

B] INSERTING DATA TO THE DATABASE :-

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar lists various API requests. The main panel displays a POST request to `http://localhost:4000/insertData`. The request body is a JSON object:

```
1 {
2   "name": "dattatray",
3   "email": "dattatray@gmail.com",
4   "location": "satpur"
5 }
6
```

The response status is 200 OK, and the response body is:

```
1 Data Inserted Successfully
```

The screenshot shows the MongoDB Compass application interface. The 'student.profile' collection is selected, and the 'Documents' tab is active. The interface displays two documents in the collection:

```
_id: ObjectId('661f416d52e08be2c0191e98')
name: "roshan"
email: "roshan@gmail.com"
location: "nashik"

_id: ObjectId('661f4a59464b44f20384b25a')
name: "dattatray"
email: "dattatray@gmail.com"
location: "satpur"
```

C] UPDATING DATA TO THE DATABASE :-

The screenshot shows the Postman interface with a workspace named 'My Workspace'. A collection named 'practice' is expanded, showing a folder 'WAD_PRACTICAL_3B_[CRUD_OPERATION]' containing three requests: 'GET http://localhost:4000/getData', 'POST http://localhost:4000/insertData', and 'PUT http://localhost:4000/updateData/roshan'. The 'PUT' request is selected, and its details are shown in the main panel. The URL is 'http://localhost:4000/updateData/roshan'. The method is 'PUT'. The body is a JSON object:

```
{  "name": "rahul"}
```

. The response is shown in the 'Body' tab, indicating a status of 200 OK, time of 6 ms, and size of 254 B. The response body is 'Data Updated Successfully'.

The screenshot shows the MongoDB Compass interface. The 'student.profile' collection is selected, and the 'Documents' tab is active. The collection contains two documents. The first document has the following fields:

```
{  "_id": ObjectId('661f416d52e08be2c0191e98'),  "name": "rahul",  "email": "roshan@gmail.com",  "location": "nashik"}
```

. The second document has the following fields:

```
{  "_id": ObjectId('661f5039464b44f20384b25b'),  "name": "dattatray",  "email": "dattatray@gmail.com",  "location": "satpur"}
```

. The interface also shows a search bar, a filter button, and a 'Generate query' button. The bottom status bar indicates the connection is to 'MONGOSH'.

D] DELETING DATA FROM THE DATABASE :-

The screenshot shows the Postman interface with a workspace named 'My Workspace'. A collection named 'practice' contains a folder 'WAD_PRACTICAL_3B_[CRUD_OPERAT...]' with several requests. The selected request is a DELETE request to 'http://localhost:4000/deleteData/rahul'. The response is '1 Data Deleted Successfully'.

WAD_PRACTICAL_3B_[CRUD_OPERAT...]] / http://localhost:4000/deleteData/rahul

DELETE http://localhost:4000/deleteData/rahul

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (7) Test Results Status: 200 OK Time: 80 ms Size: 253 B Save as example

Pretty Raw Preview Visualize HTML

1 Data Deleted Successfully

The screenshot shows the MongoDB Compass interface. The 'student.profile' collection is selected. The document displayed is:

```
{
  "_id": ObjectId('661f5039464b44f20384b25b'),
  "name": "dattatray",
  "email": "dattatray@gmail.com",
  "location": "satpur"
}
```

1 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or Generate query

ADD DATA EXPORT DATA

1 - 1 of 1

MONGODB