Assignment 12

→ **Problem Statement :**

Create a database with suitable example using mongodb & implement.

1. Inserting Documents
2. Removing Documents
3. Updating Documents.

→ **Theory :**

A] **SQL vs MongodB**

	SQL	MongodB
1.	Database	Database
2.	Table	Collection
3.	Row	Document
4.	Column	Field
5.	Index	Index
6.	Primary Key, specifying is required	Primary Key, by default the _id is set as the Primary Key.

B] Queries:

1. Create a Collection.

- db.create ("Teacher_info");

2. Create a capped collection:

- db.createCollection ("audit", {capped:true, size: 204 80})

3. Insert a document:

~~document~~ db.teacher.insert ({ id: "12", name: "Robert Wayne", Dept: "IT"}

4. Update a document:

db.teacher.update ({ Dept: {$eq: "IT"}}, {$set: { Dept : "Comp"}})

5. Remove a document:

db.teacher.remove ({ id: "12"})

6. Drop Collection:

db.teacher.drop();

→ Conclusion :

Topics Covered :

1. MongodB
2. MongodB vs MySQL
3. CRUD Operations in MongodB

B