Task 10: CRUD operations in Document database.

Aim: To perform create, read, update and delete (CRUD) operations in a document - oriented database.

Steps and commands:

1. Create a collection:

db - create collection ("Hotel bookings")

Output:

{ "ok" =1}

2. Insert one document:

db - hotel booking insert one ({

    booking - ID : "B001";

    Guest - Name : "John";

    Room - NO : 101;

    Room - Type : "Deleuxe";

    checkin - date : "2025 -10 -10";

    checkout - date : "2025 - 10 -14";

    Total - Amount : 8000

    })

Output:

Document inserted successfully.

3. Insert many documents:

db - hotel bookings - consert many ({

{ Booking. ID : "BOOS", Guest. name: "Vijay", Room. No
103, Room - Type : 'Standard', checkIn date : 2025-10-13,
checkout date : 2025-10-16 , Total . Amount : 6000}

});

output :
Multiple documents inserted successfully.

4. Read documents :

```
db - hotel bookings - find () : pretty ();
```

output :
Display all hotel booking records in a recorded format

5. Query specific data :

```
db - hotel booking find ({ Room. Type : "Single" },
{ Guest - Name :1 , Room :No 1, id :0 })
```

output :
Displays Guest names and room numbers for Secrete
rooms.

6. Update a Document :

```
db - hotel bookings update one (
    { Booking - ID : "BOO 1"},
    { set : { Total - Amount : 8500 }}
);
```

Output :
Updated one document successfully.

7. Delete a document:

db - hotel bookings : delete one ({ Bookig - ID : "B003" })

Output :

Deleted one document successfully.

Result : Thus, the word operation in document database for hotel management system is executed successfully.