CRUD operations in document Database :-

Aim : To Perform create, read, update and Delete (CRUD) operations in a document oriented Database

1. create a collection

     db. create collection ("Hotel Bookings");

     output :

         { "ok" = 1}

2. Insert one Document

     db. Hotel Booking insertone ({

        BOOKING _ ID : " B001";
        GUEST _ Name : " JOHN",
        ROOM NO : 101
        ROOM - TYPE : " DELUXE",
        CHECK IN _ DATE : 2025 - 10 - 10",
        CHECK OUT _ DATE : " 2025 - 10 - 14" -
        Total Amount = 8000
        });

     output :
        Document inserted successfully

3. Insert many documents

     db. Hotel Bookings. insert Many ([

        {Booking_10 : "B001", Guest_Name : "Maria", Room NO = 102,

       Room_Type = "suite", checkIN_Date : "2025 - 10 - 12", check out : 2025-10

       Total_Amount = 12000 }

       {Booking_1D : "B003", Guest_Name : "vijay", Room NO = 103, Room_Type = "suite"
       checkin Date : 2023 - 10 - 13", check out ; 2025 -10 -16", Total_Amount = 7000}

   output :
     Multiple documents inserted successfully

4. Read documents:

    db-Hotel Bookings-find () pretty ();

output:

    Display all hotel Booking records in readable format.

5. Query Specific Data

    db. Hotel Bookings-Find ({Room_Type: "suite"}, {Guest Name: , Room_No:
                                 , J : J);

output:
    Display Guest names and room number for suite rooms

6. update a Document

    db-HotelBookings update one (
        & Booking_ID : "Boo1"}
        & set :& total Amount : 8500)}
    );

output:
    updated one document successfully

7. Delete a document.

    db Hotel Bookings-delete one ({& Booking_ID : "Boo 3"})}

output:
    Deleted one document successfully.

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Result: Thus, the CRUD operation in document database for hotel management is created successfully.