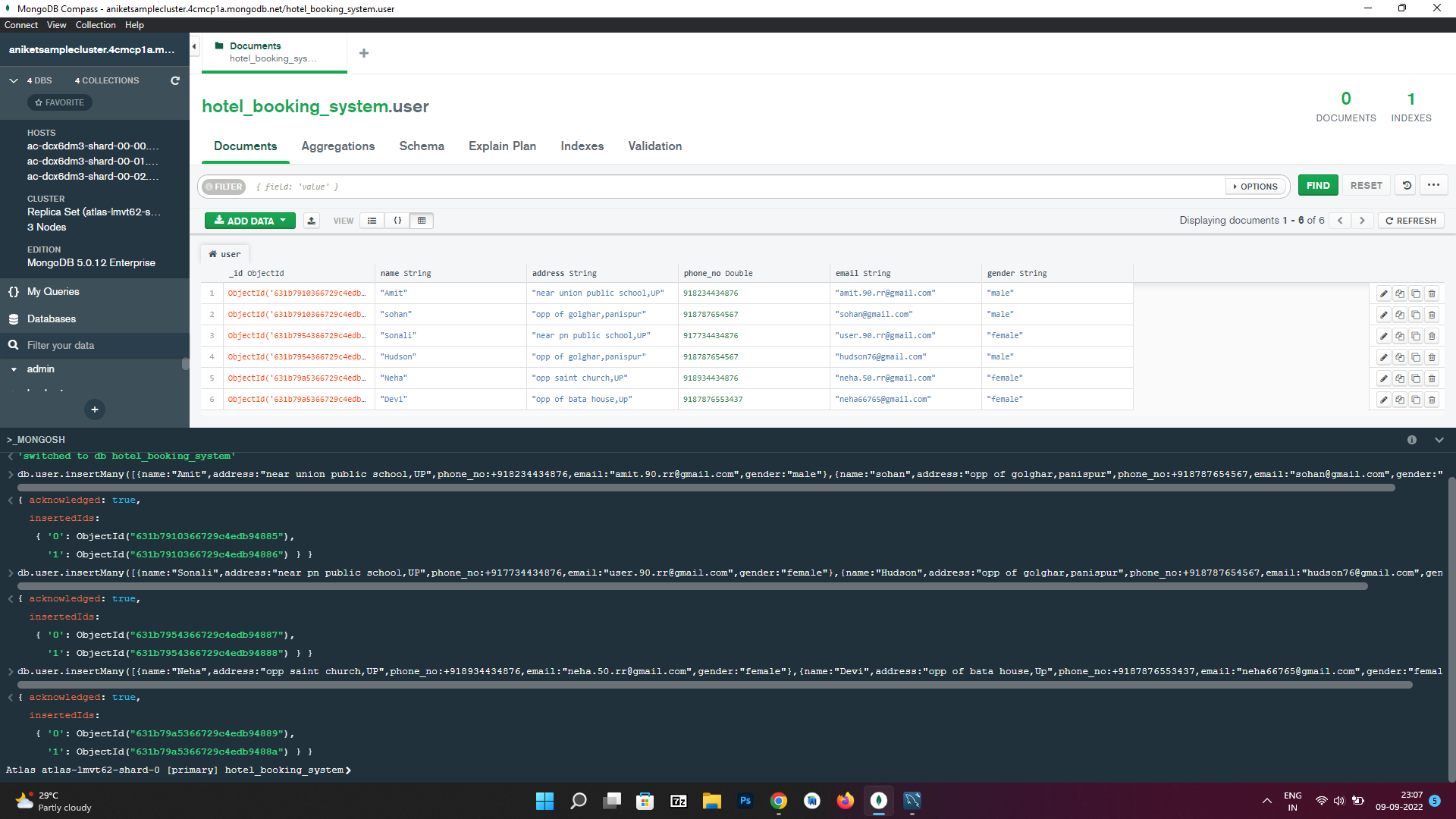
**Hotel Booking Database using MongoDB Codes**

**First created 4 databases named:**

* *user*
* *hotel*
* *room\_status*
* *booking\_details*

1. **Added 5 Users' Data into the Database**

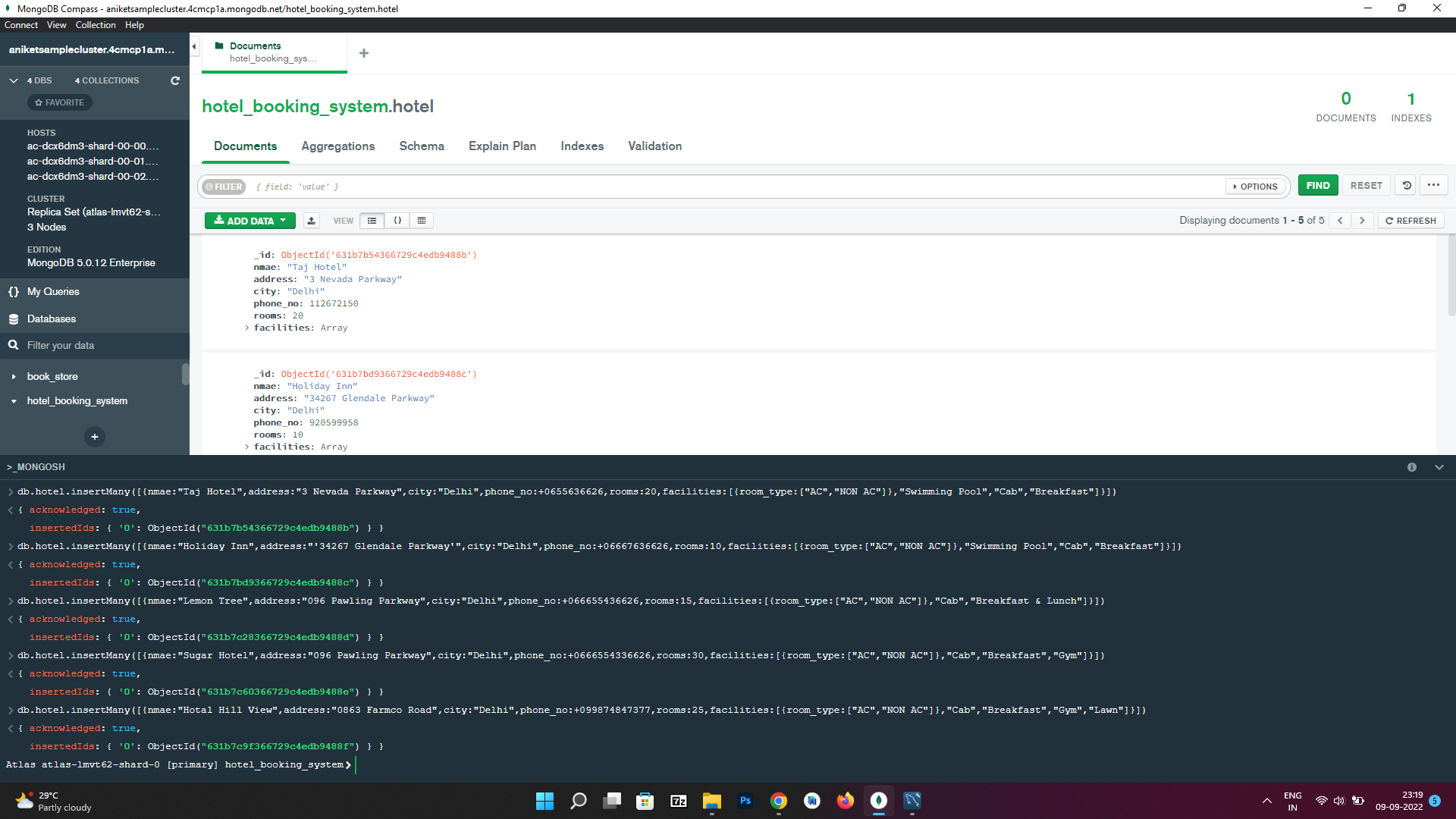
*(Added Name,Address,phone no,gender,email*,field names*)*

*(using InsertOne and InsertMany Commands)*

After this,

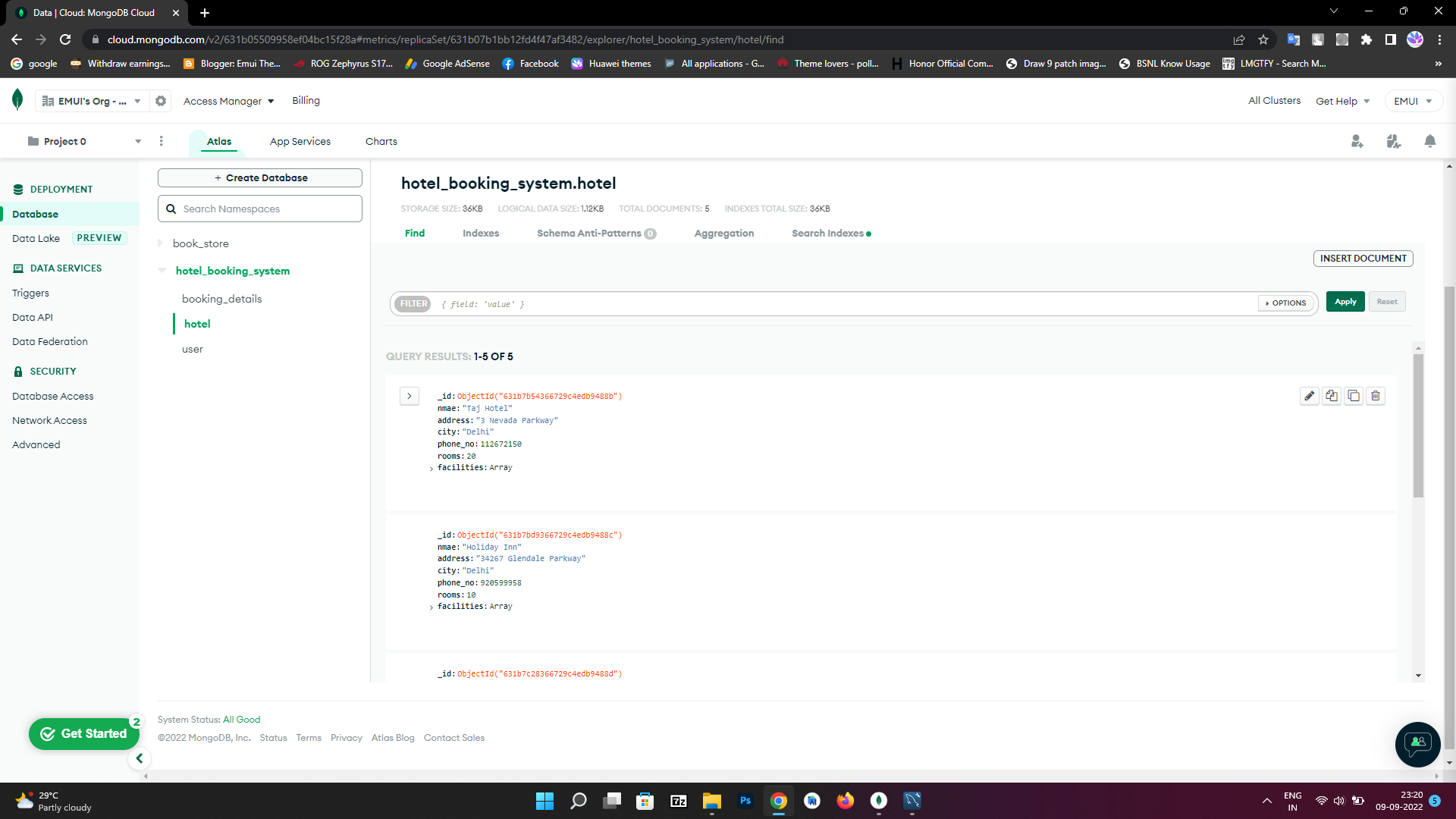
1. **Added 5 Hotels' Data into the Database**

*(Added Hotel Name,Address,city,phone no,city,no of room,facilities* field names*)*

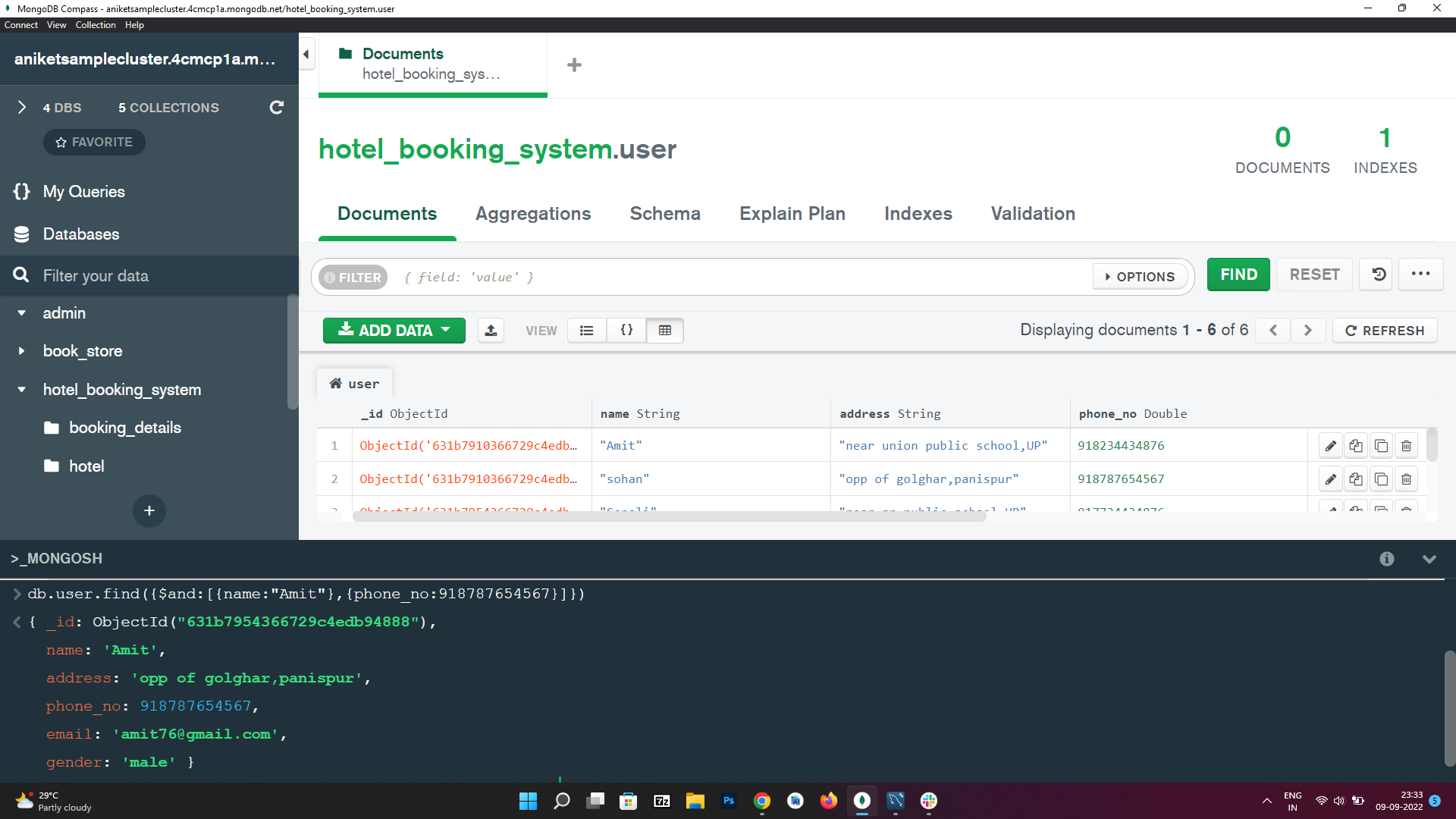


*(using InsertOne and InsertMany Commands)*

1. **All data are updated on the server**

****

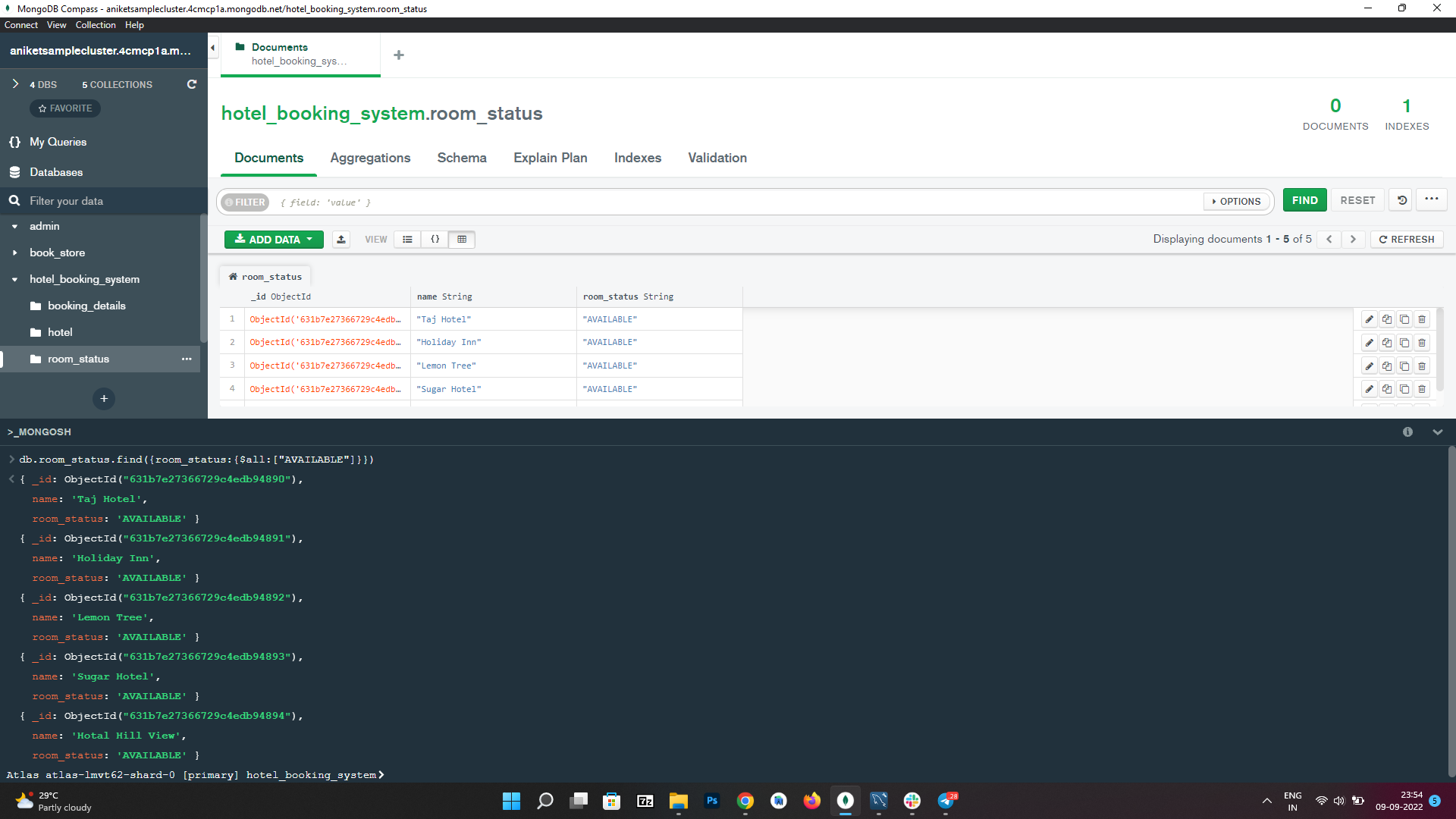
1. **Searching user using AND operator to filter duplicate Name user**



*db.user.find({$and:[{name:”Amit”},{phone\_no:918787654567}]})*

1. **Searching Available Room Hotel Name**

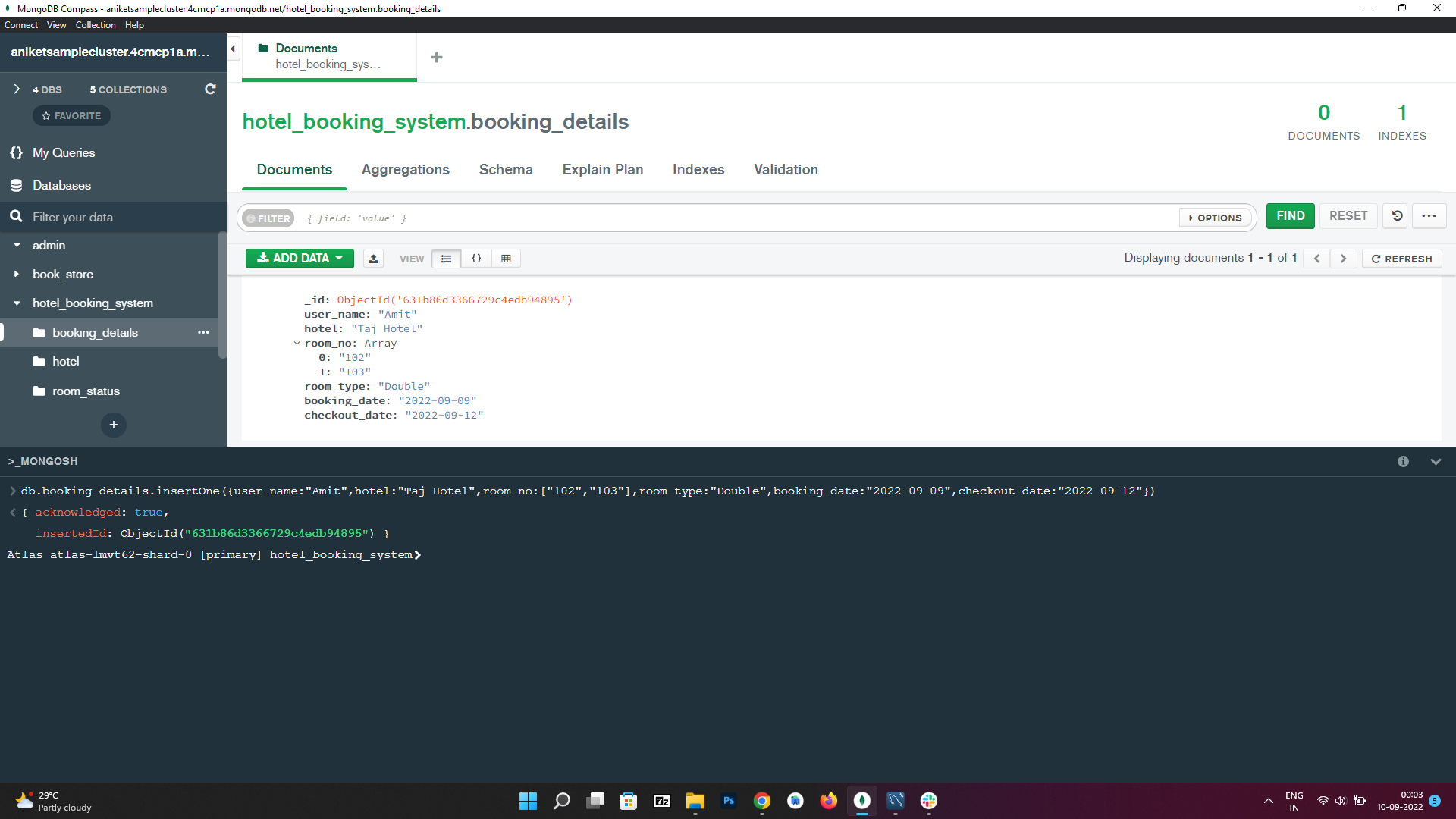
*[Using $all Operator]*

****

db.room\_status.find({room\_status:{$all:[“AVAILABLE”]}})

1. **Booking Selected Hotel Room**

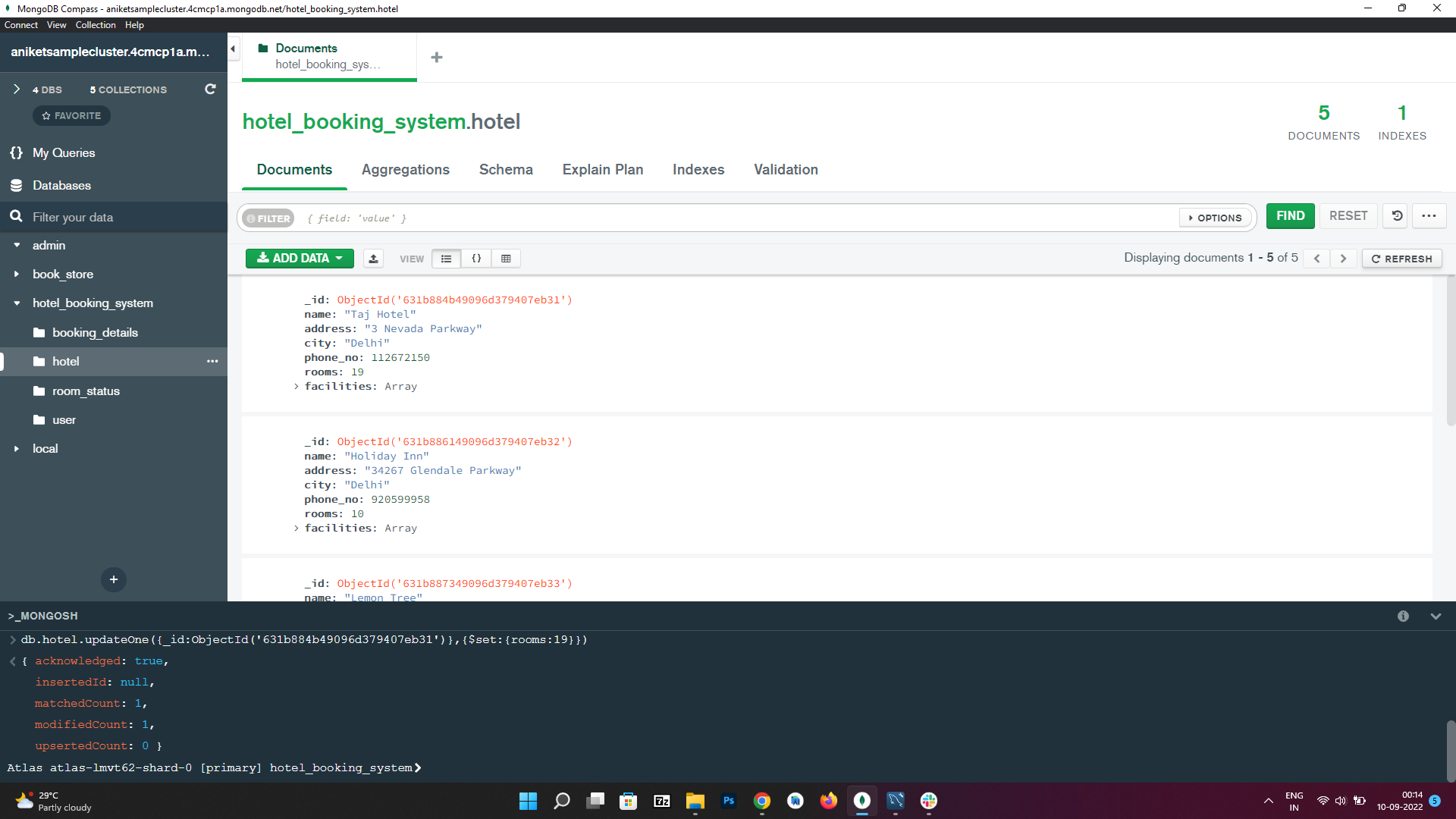
*(using Insert Query)*

****

*db.booking\_details.insertOne({user\_name:”Amit”,hotel:”Taj Hotel”,room\_no:[“102”,”103”],room\_type:”Double”,booking\_date:”2022-09-09”,checkout\_date:”2022-09-12”})*

1. **Updating Previous Available Room no**

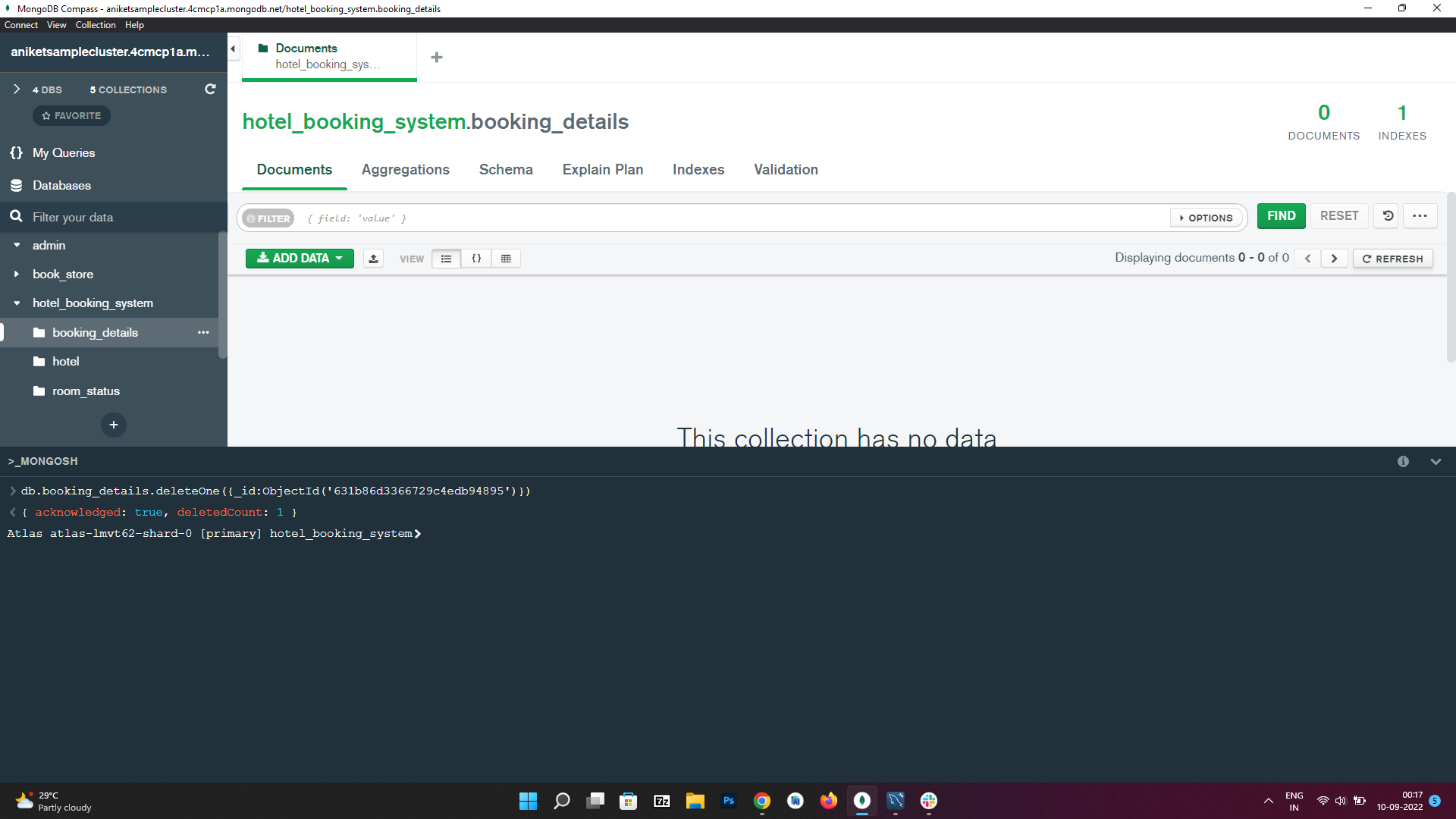
*(using Update Query)*

**

*db.hotel.updateOne({\_id:ObjectId(‘631b884b49096d379407eb31‘)},{$set:{rooms:19}})*

1. **Deleting Booking Record After Checkout**

*(using Delete Query)*



*db.booking\_details.deleteOne({\_id:ObjectId(‘631b86d3366729c4edb94895’)})*