use HCPlus;

db.createCollection("audit\_log");

db.audit\_log.insertMany([

{"patientID":1,"user":"A","action":"read","timestamp":ISODate("2023-09-28T10:32:26.202Z")},

{"patientID":2,"user":"B","action":"write","timestamp":ISODate("2023-08-28T10:32:26.202Z")},

{"patientID":3,"user":"C","action":"read","timestamp":ISODate("2023-08-28T10:32:26.202Z")},

{"patientID":4,"user":"D","action":"read","timestamp":ISODate("2023-05-28T10:32:26.202Z")},

{"patientID":5,"user":"E","action":"delete","timestamp":ISODate("2023-09-28T10:32:26.202Z")},

{"patientID":6,"user":"F","action":"read","timestamp":ISODate("2023-07-28T10:32:26.202Z")},

{"patientID":7,"user":"G","action":"write","timestamp":ISODate("2023-05-28T10:32:26.202Z")},

{"patientID":8,"user":"H","action":"write","timestamp":ISODate("2023-07-28T10:32:26.202Z")},

{"patientID":9,"user":"I","action":"read","timestamp":ISODate("2023-04-28T10:32:26.202Z")},

{"patientID":10,"user":"J","action":"delete","timestamp":ISODate("2023-05-28T10:32:26.202Z")},

{"patientID":11,"user":"K","action":"read","timestamp":ISODate("2023-09-28T10:32:26.202Z")}

]);

db.audit\_log.find({action:"read", timestamp:{$gte:ISODate("2023-08-28")}});

db.audit\_log.find({action:{$in:["write","delete"]}});