Lab 3

Create a collection by the name blogPosts and it has 3 fields id, title and comments. In the collection the comments field is an array which consists of user details. Each collection

consists of two user details inside the comments array- user name and text

db.createCollection("blogPosts");

Demonstrate the following:

1. Adding an element into araay db.blogPosts.insert({_id:1, title: "Intro", comments:[{username:"Revanth", text: "Article"}]});

2. Display second element

db.blogPosts.update({ id: 1},{\$push:{comments: {username:" D", text:" uploading"}}})

3. Display size of the array db.blogPosts.aggregate([{\$project:{_id:1, title:1, comments:1, commentSize:{\$size: "\$comments"}}}])

4. Display first two elements of the array db.blogPosts.aggregate([{ \$project: { _id: 1, title: 1, comments: { \$slice: ["\$comments", 2] } } })

5. Update the document with id 4 and replace the element present in 1st index position of the array with another array

db.blogPosts.update({ _id: 4 }, { \$set: { "comments.1": [{ username: 'Jkl', text: 'Content prepared' }, { username: 'JKl', text: 'Content uploaded' }] } })