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 Demonstrate the following

- 1. Adding an element into array
- 2. Display second element
- 3. Display size of the array
- 4. Display first two elements of the array
- 5. Update the document with id 4 and replace the element present in 1st index position of the array with another array

```
Atlas atlas-12eb3b-shard-0 [prinary] MV_DB> db.blogPosts.insertOne([_id;;, title: "Introduction to MongoDB", comments: [ { userName: "Allce", text: "Great article!" }, { userName: "Bob", text: "Looking for learned to more content." ] } ]

atlas atlas-12eb3b-shard-0 [prinary] MV_DB> db.blogPosts.insertOne([_id;2, title: "Advanced MongoDB Techniques", comments: [ { userName: "Charlie", text: "Very informative." }, { userName: "David", text: "Nelpad me a lot!" ] } ]

(acknowledged: true, insertedid: 2 }

Atlas atlas-12eb3b-shard-0 [prinary] MV_DB> db.blogPosts.insertOne([_id;3, title: "MongoDB Performance Optimization", comments: [ { userName: "Eve", text: "I have a question." }, { userName: "Frank", text: "This is exactly what I needed! ] } ]

(acknowledged: true, insertedid: 3 }
```

```
Atlas atlas-12eb3b-shard-0 [primary] MY_DB> db.blogPosts.update( { _id:1 }, { Spush: { comments: { userName: "John", text: "This is a new comment." } } } )

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

{ acknowledged: true, insertedId: null, matchedcount: 1, modifiedCount: 1, upsertedCount: 0 } }

Atlas atlas-12eb3b-shard-0 [primary] MY_DB> []
```

```
Atlas atlas-12eb3b-shard-0 [primary] MY_DB> db.blogPosts.aggregate([
       { $project: { firstTwoComments: { $slice: ["$comments", 2] } } }
... ])
       id: 1,
      firstTwoComments: [
         { userName: 'Alice', text: 'Great article!' },
{ userName: 'Bob', text: 'Looking forward to more content.' }
       1
   },
{
        id: 2,
      firstTwoComments: [
         { userName: 'Charlie', text: 'Very informative.' }, { userName: 'David', text: 'Helped me a lot!' }
       ]
   },
{
        id: 3,
      firstTwoComments: [
         { userName: 'Eve', text: 'I have a question.' }, { userName: 'Frank', text: 'This is exactly what I needed!' }
      1
Atlas atlas-12eb3b-shard-0 [primary] MY_DB>
Atlas atlas-12eb3b-shard-0 [primary] MY_DB> db.blogPosts.update( { _id: 3 }, { $set: { "comments.1": { userName: "Alice", text: "Replaced comment." } } } )
  acknowledged: true,
insertedId: null,
matchedCount: 1,
modifiedCount: 1,
upsertedCount: 0
 Atlas atlas-12eb3b-shard-0 [primary] MY_DB> [
```