

## LAB-3

```
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.update({_id: 1},{ $push:{comments: {username:" D", text:" uploading" }}})
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.find()
[
  {
    _id: 1,
    title: 'Intro',
    comments: [
      { username: 'Revanth', text: 'Article' },
      { username: 'D', text: 'uploading' }
    ]
  }
]
Atlas atlas-pn06xx-shard-0 [primary] test> |
```

```
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.aggregate([{$project:{_id:1, title:1, comments:1, commentSize:{$size: "$comments"}}}])
[
  {
    _id: 1,
    title: 'Intro',
    comments: [
      { username: 'Revanth', text: 'Article' },
      { username: 'D', text: 'uploading' }
    ],
    commentSize: 2
  },
  {
    _id: 2,
    title: 'Blog-one',
    comments: [
      { username: 'Revanth', text: 'Article' },
      { username: 'D', text: 'uploading' }
    ],
    commentSize: 2
  },
  {
    _id: 3,
    title: 'ExiteBlog',
    comments: [ { username: 'Xyz', text: 'Exciting Blog' } ],
    commentSize: 1
  }
]
Atlas atlas-pn06xx-shard-0 [primary] test> |
```

```
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.aggregate([ { $project: { _id: 1, title: 1, comments: { $slice: ["$comments", 2] } } } ])
[
  {
    _id: 1,
    title: 'Intro',
    comments: [
      { username: 'Revanth', text: 'Article' },
      { username: 'D', text: 'uploading' }
    ]
  },
  {
    _id: 2,
    title: 'Blog-one',
    comments: [
      { username: 'Revanth', text: 'Article' },
      { username: 'D', text: 'uploading' }
    ]
  },
  {
    _id: 3,
    title: 'ExiteBlog',
    comments: [ { username: 'Xyz', text: 'Exciting Blog' } ]
  }
]
Atlas atlas-pn06xx-shard-0 [primary] test> |
```

```
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.update( { _id: 4 }, { $set: { "comments.1": [ { username: 'JKL',
text: 'Content prepared' }, { username: 'JKL', text: 'Content uploaded' } ] } } )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-pn06xx-shard-0 [primary] test> db.blogPosts.find({_id:4})
[
  {
    _id: 4,
    title: 'IEEE',
    comments: [
      { username: 'JKL', text: 'Blog on IEEE Paper' },
      [
        { username: 'JKL', text: 'Content prepared' },
        { username: 'JKL', text: 'Content uploaded' }
      ]
    ]
  }
]
Atlas atlas-pn06xx-shard-0 [primary] test> |
```