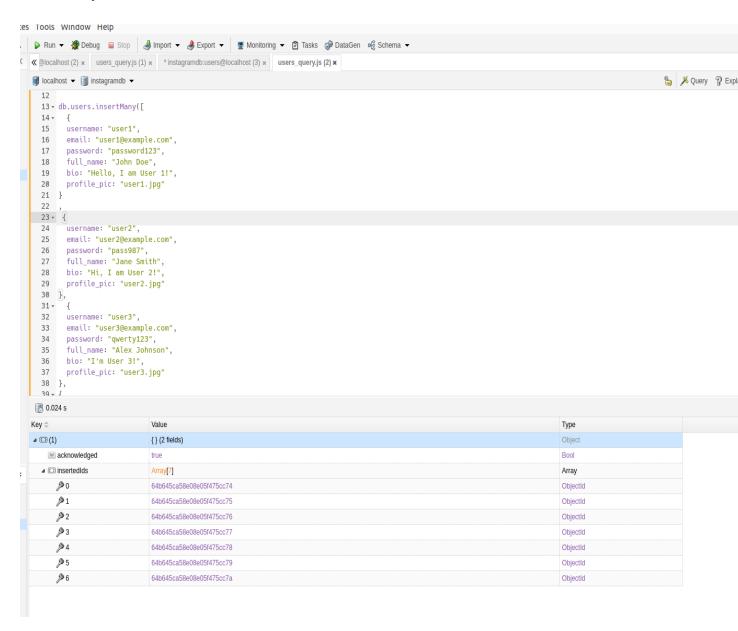
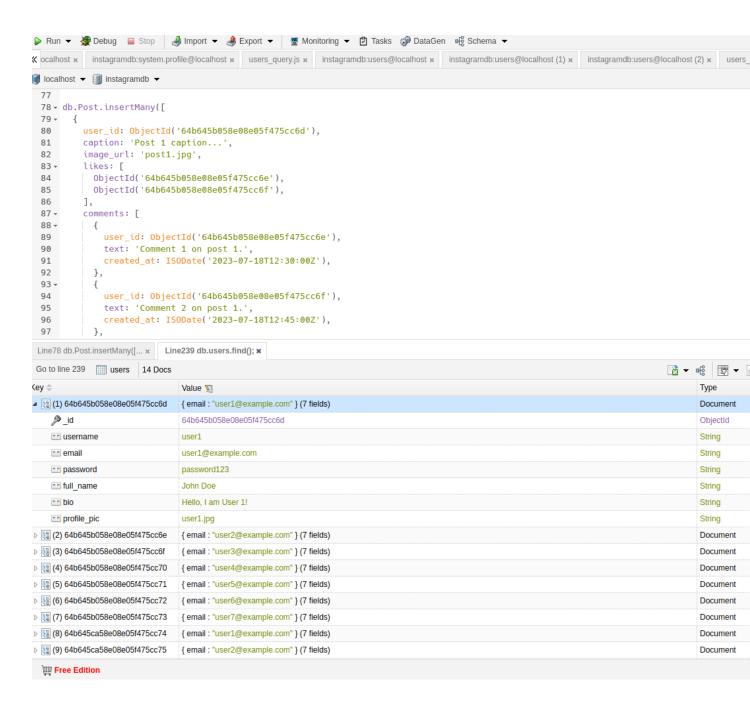


Queries Screenshots

//InsertMany





//updateOne()

```
gramdb:sessions@localhost x | Instagramdb:posts@localhost x | Instagramdb:users@localhost (4) x | Instagramdb:sessions@localhost (1) x | Users_query.js (4) x | Instagramdb:sessions@localhost x | Instagramdb:sessions@localhost x | Instagramdb:users@localhost x | Instagramdb:users@localh
I localhost ▼ III instagramdb ▼
 241
 242
 243
 244
 245
 246
 247
 248
 249 // db.posts.find()
  251 → db.posts.updateOne(
  252
                 {},
  253 -
 254 -
                         $set: {
  255
                             caption: "Updated caption",
  256
                          image_url: "updated_post.jpg",
  257
                                updated_at: new Date(),
258
  259
  260 );
  261
  262
  263 db.posts.find()
Line78 db.Post.insertMany([... x Line263 db.posts.find() x
Go to line 263 posts 2 Docs
    1 /* 1 createdAt:18/07/2023, 14:17:01*/
    2 - {
   3
                        "_id" : ObjectId("64b6518558e08e05f475cc85"),
                       "user_id" : ObjectId("64b645b058e08e05f475cc6d"),
    4
                       "caption" : "Updated caption",
    5
    6
                       "image_url" : "updated_post.jpg",
 7 -
                       "likes" : [
    8
                                 ObjectId("64b645b058e08e05f475cc6e"),
   9
                                 ObjectId("64b645b058e08e05f475cc6f")
 10
 11 -
                        "comments" : [
 12 -
                                 {
                                             "user_id" : ObjectId("64b645b058e08e05f475cc6e"),
 13
                                             "text" : "Comment 1 on post 1.",
 14
 15
                                             "created_at" : ISODate("2023-07-18T18:00:00.000+05:30")
 16
                                  },
 17 -
                                             "user_id" : ObjectId("64b645b058e08e05f475cc6f"),
 18
 19
                                             "text" : "Comment 2 on post 1.",
 20
                                             "created_at" : ISODate("2023-07-18T18:15:00.000+05:30")
  Free Edition
```

```
« ocalhost x instagramdb:system.profile@localhost x users_query.js x instagramdb:users@localhost x instagramdb:users@localhost (1) x instagramdb:users@localhost (1) x instagramdb:users@localhost (2) x users_
124 // inserting in actions collection
  125 - db.actions.insertMany([
  126 - {
           user_id: ObjectId('64b645b058e08e05f475cc6d'),
  128
           action_type: 'like',
           post_id: ObjectId('64b6518558e08e05f475cc85'),
  129
 130
          created_at: ISODate('2023-07-18T12:00:00Z'),
  131
  132
  133 -
  134
           user_id: ObjectId('64b645b058e08e05f475cc6e'),
           action_type: 'comment',
  135
   136
           post_id: ObjectId('64b6518558e08e05f475cc86'),
  137 -
           comment: {
           user_id: ObjectId('64b645b058e08e05f475cc6e'),
  138
           text: 'This is a comment.',
  139
   140
             created_at: ISODate('2023-07-18T12:30:00Z'),
             replies: [
  141 -
  142 -
              {
   143
                user_id: ObjectId('64b645b058e08e05f475cc6d'),
                text: 'Reply 1 to the comment.',
 144
                 created_at: ISODate('2023-07-18T12:32:00Z'),
  145
  146
 Line125 db.actions.insertMan... ×
 Go to line 125
 1 - {
          "acknowledged" : true,
  2
  3 +
         "insertedIds" : [
             ObjectId("64b6756d26de57127649b610"),
  4
  5
             ObjectId("64b6756d26de57127649b611"),
             ObjectId("64b6756d26de57127649b612"),
  7
             ObjectId("64b6756d26de57127649b613")
  8
  9 }
```

).13 Free Edition

//aggregate , \$match \$lookup \$project

```
instagramdb:users@localhost (4) x instagramdb:sessions@localhost (1) x users_query
 247
   248
   249
   250
   251 - db.users.aggregate([
   252
           {$match: {username : "user1"}},
   253 -
   254 -
               $lookup: {
   255
                      from: "posts",
   256
                      localField: "64b67fa526de57127649b61b",
   257
                      foreignField: "users",
   258
                      as: "all_posts"
   259
                    }
   260
            }
   261 -
            {
   262 -
                $project: {
   263
                   username :1,
   264
                    bio 1
   265
   266
   267
   268
           ])
   269
   270
  Line78 db.Post.insertMany([... x Line251 db.users.aggregate([... x
  Go to line 251 users 2 Docs
   1 /* 1 createdAt:18/07/2023, 13:26:32*/
   2 - {
   3
          "_id" : ObjectId("64b645b058e08e05f475cc6d"),
          "username" : "user1",
   4
          "bio" : "Hello, I am User 1!"
   5
    6 },
   7
   8 /* 2 createdAt:18/07/2023, 13:26:58*/
   9 + {
          "_id" : ObjectId("64b645ca58e08e05f475cc74"),
   10
          "username" : "user1",
   11
          "bio" : "Hello, I am User 1!"
   12
   13 }
13 Free Edition
```

```
Letter . 🗶 penned = prob | Ambour . Archorr . Eminimonina . Eminor Ambour all portroller .
165
  166
  167
  168 // InsertMany` method
  169
  170 - db.followers.insertMany([
  171 - {
  172
          follower_id: ObjectId('64b645b058e08e05f475cc6e'), // Replace with the actual ObjectId of the follower
          following_id: ObjectId('64b645b058e08e05f475cc6d'), // Replace with the actual ObjectId of the following user
  173
         created_at: ISODate('2023-07-18T12:00:00Z'),
  174
       },
  175
  176 -
         follower_id: ObjectId('64b645b058e08e05f475cc6d'),
  177
  178
         following_id: ObjectId('64b645b058e08e05f475cc6e'),
         created_at: ISODate('2023-07-18T12:30:00Z'),
  179
  180
       },
  181
  182 ]);
  183
  184
  185
186 // db.users.find();
  187
  188
 0.022 s
1 - {
        "acknowledged" : true,
  2
        "insertedIds" : [
 3 +
           ObjectId("64b678a426de57127649b614"),
 4
 5
           ObjectId("64b678a426de57127649b615")
  6
  7 }
3 Free Edition
```

\$ group \$ match

```
325 // profile_pic: "user14.jpg"
326 // }
 327 // ]);
  328
  329
  330 - db.users.aggregate([
  331 - {
  332 ₹
         $group: {
          _id: "$bio",
  333
  334
         users: { $addToSet: "$_id" },
  335
  336 },
  337 → {
        $match: {
  338 -
  339
          _id: { $ne: null },
          $expr: { $gt: [ { $size: "$users" }, 1 ] },
  340
  341
  342 },
  343 ]);
  344
  345
  346
  347
  348
 users 0.043 s 8 Docs
  9
  10 /* 2 */
 11 - {
  12
         "_id" : "Tea Lover!",
       "users" : [
 13 -
  14
        ObjectId("64b6c3c526de57127649b643"),
            ObjectId("64b6c3c526de57127649b640"),
  15
  16
            ObjectId("64b6c3c526de57127649b641"),
            ObjectId("64b6c3c526de57127649b642")
  17
  18
  19 },
  20
  21 /* 3 */
  22 ₹ {
       "_id" : "Hello, I am User 1!",
"users" : [
  23
  24 -
        ObjectId("64b645b058e08e05f475cc6d"),
  25
  26
        ObjectId("64b645ca58e08e05f475cc74")
  27
  28 },
  29
  30 /* 4 */
  31_ [
3 Free Edition
```