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ASSIGNMENT – MongoDB PRACTICE QUERIES

```
db> use mydb
switched to db mydb
mydb> db.games.insertOne({_id: 1, score: 80})
{ acknowledged: true, insertedId: 1 }
mydb> db.games.updateOne(
... {score:80},
... {
... $set: {score: 90}
... }
... }
Uncaught:
SyntaxError: Unexpected token, expected "," (6:0)

  4 | $set: {score: 90}
  5 | }
> 6 | }
    | ^
  7 |

mydb> db.games.updateOne(
... {score:80},
... {
... $set: {score: 90}
... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
```

```
}
mydb> db.games.updateOne(
... {score: 80},
... {
... $set: {score:100}
... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
mydb> db.games.find()
[ { _id: 1, score: 90 } ]
mydb> db.games.updateOne(
... {_id: 1},
... {
... $inc: {score: 10}
... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
mydb> db.games.updateOne(
... {_id:1},
... {
... $ince: {score: 20}
... }
... )
MongoServerError: Unknown modifier: $ince. Expected a valid update modifier
or pipeline-style update specified as an array
mydb> db.games.updateOne(
... {_id:1},
... {
```

```
... $inc: {score:20}
... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
mydb> db.games.find()
[ { _id: 1, score: 120 } ]
mydb> db.games.insertOne({
... _id: 1,
... title: "Speed Racer",
... genre: "Racing",
... score: 120,
... rating: 4.5
... });
MongoServerError: E11000 duplicate key error collection: mydb.games index:
_id_ dup key: { _id: 1 }
mydb> db.games.deleteOne()
MongoshInvalidInputError: [COMMON-10001] Missing required argument at
position 0 (Collection.deleteOne)
mydb> db.games.deleteOne(0)
MongoServerError[TypeMismatch]: BSON field 'delete.deletes.q' is the wrong
type 'int', expected type 'object'
mydb> findOneAndDelete()
ReferenceError: findOneAndDelete is not defined
mydb> db.games.deleteMany({})
{ acknowledged: true, deletedCount: 1 }
mydb> db.games.find()

mydb> db.games.insertOne({
... _id: 1,
... title: "speed racer",
... genre: "racing",
... score: 120,
... rating: 4.5
... });
```

```
{ acknowledged: true, insertedId: 1 }
mydb> db.games.insertMany([
... _id: 2,
Uncaught:
SyntaxError: Unexpected token, expected "," (2:3)

  1 | db.games.insertMany([
> 2 | _id: 2,
    |    ^
  3 |

mydb> db.games.insertMany([
... {
... _id: 2,
... title: "battle zone",
... genre: "action",
... score: 250,
... rating: 4.8
... },
... {
... _id: 3,
... title: "puzzle mania",
... genre: "puzzle",
... score: 180,
... rating: 4.2
... }
... ]);
{ acknowledged: true, insertedIds: { '0': 2, '1': 3 } }
mydb> db.games.find()
[
  {
    _id: 1,
    title: 'speed racer',
    genre: 'racing',
    score: 120,
    rating: 4.5
  },
  {
    _id: 2,
    title: 'battle zone',
```

```
     genre: 'action',
     score: 250,
     rating: 4.8
   },
   {
     _id: 3,
     title: 'puzzle mania',
     genre: 'puzzle',
     score: 180,
     rating: 4.2
   }
 ]
 mydb> db.games.find({rating: {$gte: 4.5}});
 [
   {
     _id: 1,
     title: 'speed racer',
     genre: 'racing',
     score: 120,
     rating: 4.5
   },
   {
     _id: 2,
     title: 'battle zone',
     genre: 'action',
     score: 250,
     rating: 4.8
   }
 ]
 mydb> db.games.find({},{titles: 1, rating: 1, _id: 0});
 [ { rating: 4.5 }, { rating: 4.8 }, { rating: 4.2 } ]
 mydb> db.games.find({},{title: 1, rating: 1, _id: 0});
 [
   { title: 'speed racer', rating: 4.5 },
   { title: 'battle zone', rating: 4.8 },
   { title: 'puzzle mania', rating: 4.2 }
 ]
 mydb> db.games.find()
 [
   {
```

```
    _id: 1,
    title: 'speed racer',
    genre: 'racing',
    score: 120,
    rating: 4.5
  },
  {
    _id: 2,
    title: 'battle zone',
    genre: 'action',
    score: 250,
    rating: 4.8
  },
  {
    _id: 3,
    title: 'puzzle mania',
    genre: 'puzzle',
    score: 180,
    rating: 4.2
  }
]
mydb>
[
mydb> db.people.find()
    _id: 2,
mydb>
    genre: 'action',
    score: 250,
    rating: 4.8
  }
]
```