```
//==========================Task 1: 1. Create a database named SchoolDB.
use SchoolDB;

//==========================Task 2: Create two collections: o Students o Courses
db.createCollection("Students");
db.createCollection("Courses");

//==========================Task 3:Create two collections: o Students o Courses
db.Students.insertMany([
  { "name": "Alice", "age": 20, "math": 85, "science": 90 },
  { "name": "Bob", "age": 22, "math": 78, "science": 85 },
  { "name": "Charlie", "age": 21, "math": 92, "science": 88 },
  { "name": "Daisy", "age": 19, "math": 70, "science": 75 }
]);

//==========================Task 4: Insert the following documents into the Courses
collection:
db.Courses.insertMany([
  { "courseName": "Mathematics", "studentsEnrolled": [1, 2, 3], "instructor": "Dr. Smith" },
  { "courseName": "Science", "studentsEnrolled": [2, 3, 4], "instructor": "Dr. Adams" }
]);

//======================= Use findOne to retrieve: o A student where the math score is
>= 85 and the age is < 22. o A course where the studentsEnrolled array includes 3 and the
instructor is "Dr. Adams".
db.Students.findOne({ math: { $gte: 85 }, age: { $lt: 22 } });
db.Courses.findOne({ studentsEnrolled: 3, instructor: "Dr. Adams" });
```

Output:

```
switched to db SchoolDB
{
        "ok" : 0,
        "errmsg" : "db already exists with different case already have: [schooldb] trying to create
[SchoolDB]",
        "code" : 13297,
        "codeName" : "DatabaseDifferCase"
}
{
        "ok" : 0,
        "errmsg" : "db already exists with different case already have: [schooldb] trying to create
[SchoolDB]",
        "code" : 13297,
        "codeName" : "DatabaseDifferCase"
}
uncaught exception: BulkWriteError({
        "writeErrors" : [
                {
                        "index" : 0,
                        "code" : 13297,
                        "errmsg" : "db already exists with different case already have: [schooldb]
trying to create [SchoolDB]",
                        "op" : {
                                "_id" : ObjectId("6746eebc8aeefd0a4957cb81"),
                                "name" : "Alice",
                                "age" : 20,
                                "math" : 85,
                                "science" : 90
                        }
                }
        ],
        "writeConcernErrors" : [ ],
        "nInserted" : 0,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
}) :
BulkWriteError({
        "writeErrors" : [
                {
                        "index" : 0,
                        "code" : 13297,
```

```
                                "errmsg" : "db already exists with different case already have: [schooldb]
trying to create [SchoolDB]",
                                "op" : {
                                        "_id" : ObjectId("6746eebc8aeefd0a4957cb81"),
                                        "name" : "Alice",
                                        "age" : 20,
                                        "math" : 85,
                                        "science" : 90
                                }
                        }
                ],
                "writeConcernErrors" : [ ],
                "nInserted" : 0,
                "nUpserted" : 0,
                "nMatched" : 0,
                "nModified" : 0,
                "nRemoved" : 0,
                "upserted" : [ ]
})
BulkWriteError@src/mongo/shell/bulk_api.js:371:48
BulkWriteResult/this.toError@src/mongo/shell/bulk_api.js:336:24
Bulk/this.execute@src/mongo/shell/bulk_api.js:1205:23
DBCollection.prototype.insertMany@src/mongo/shell/crud_api.js:326:5
@(shell):1:1
uncaught exception: BulkWriteError({
        "writeErrors" : [
                {
                        "index" : 0,
                        "code" : 13297,
                        "errmsg" : "db already exists with different case already have: [schooldb]
trying to create [SchoolDB]",
                        "op" : {
                                "_id" : ObjectId("6746eebc8aeefd0a4957cb85"),
                                "courseName" : "Mathematics",
                                "studentsEnrolled" : [
                                        1,
                                        2,
                                        3
                                ],
                                "instructor" : "Dr. Smith"
                        }
                }
        ],
        "writeConcernErrors" : [ ],
        "nInserted" : 0,
        "nUpserted" : 0,
```

```
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
}) :
BulkWriteError({
        "writeErrors" : [
                {
                        "index" : 0,
                        "code" : 13297,
                        "errmsg" : "db already exists with different case already have: [schooldb]
trying to create [SchoolDB]",
                        "op" : {
                                "_id" : ObjectId("6746eebc8aeefd0a4957cb85"),
                                "courseName" : "Mathematics",
                                "studentsEnrolled" : [
                                        1,
                                        2,
                                        3
                                ],
                                "instructor" : "Dr. Smith"
                        }
                }
        ],
        "writeConcernErrors" : [ ],
        "nInserted" : 0,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
})
BulkWriteError@src/mongo/shell/bulk_api.js:371:48
BulkWriteResult/this.toError@src/mongo/shell/bulk_api.js:336:24
Bulk/this.execute@src/mongo/shell/bulk_api.js:1205:23
DBCollection.prototype.insertMany@src/mongo/shell/crud_api.js:326:5
@(shell):1:1
null
null
```