MONGODB:

 DROPPING COLLECTIONS AND DBS: Find out how to delete all documents of a collection, drop a collection, and drop a database. Answer: Explore drop() method of collection, and dropDatabase() of database.

2.DATA TYPES: Create a moviesDB with a movies collection. The movie lists out year of release (int32), box office collection (this has to be stores as a long int as it can exceed maximum value of int32), a release date (a date object), and a timestamp when document as added

Use db.stats() to check average document size. Change data types for some value using an update query. See how it affects the size.

3.CRUD OPERATIONS: Create a moviesDB with an albums collection. The albums lists out year of release, music director, lyricist and a list of songs. Every song has details of singers (names), length of song (string).

- a) Insert 3 documents with at least 1 song entry each
- b) Update album data for an album. Change the name of the lyricist, and also an entirely replaced history entry.
- c) Find all albums released before 2019 Remove all documents that have a particular music director / lyricist as value

```
"code": 2,
    "codeName": "BadValue"

} db.albums.find(("yearOfrelease":($gt:2019}));

> db.albums.find(("yearOfrelease":($gt:2019}));

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{ ".id": ObjectId("5f4fd092fd16719e975d6b88"), "yearOfrelease": 1200, "director": "divya", "lyricist": "divyanagare", "songs": [ { "singername": "xyzw", "lines": 100 } ] } 

{ ".id": ObjectId("5f4fd092fd16719e975d6b88"), "yearOfrelease": 1300, "director": "nqrs", "lyricist": "divyanagare", "songs": [ { "singername": "divya", "lines": 100 } ] } 

{ ".id": ObjectId("5f4fd090fd16719e975d6b8a"), "yearOfrelease": 1400, "director": "divya", "lyricist": "qwer", "songs": [ { "singername": "qwer", "lines": 145 } ] } 

* bd.albums.remove(( "director": "pqrs"));

* whiteResult(( "nRemoved": 1 ))

> db.albums.find();

(".id": ObjectId("5f4fd022fd16719e97546b88"), "yearOfrelease": 1200, "director": "divya", "lyricist": "divyanagare", "songs": [ { "singername": "xyzw", "lines": 100 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "qwer", "songs": [ { "singername": "xyzw", "lines": 100 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "qwer", "songs": [ { "singername": "xyzw", "lines": 145 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "qwer", "songs": [ { "singername": "xyzw", "lines": 145 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "qwer", "songs": [ { "singername": "xyzw", "lines": 145 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "divyanagare", "songs": [ { "singername": "xyzw", "lines": 145 } ] } 

* ".id": ObjectId("5f4fd0e0fd16719e97546b88"), "yearOfrelease": 1400, "director": "divya", "lyricist": "divyanagare", "songs": [ { "singername": "xyzw", "lines": 145 } ] } 

* ".id":
```