Write the query to:

1. Find all companies with more than 50 employees.

2. Find all companies where the tag\_list includes "wiki".

3. Find all companies with a funding\_rounds array size greater than or equal to 3.

4. Find all companies with a total\_money\_raised greater than or equal to "$30M".

5. Find all companies with the "web" category\_code and fewer than 50 employees.

6. Find all companies with a deadpooled\_year of 1 or where deadpooled\_year field is missing.

7. Sort companies by the number of employees in descending order.

8. Count the number of companies with a twitter\_username.

9. Insert a company document with nested address and contacts.

10. Add a new contact to a specific company document.

11. Update multiple companies' categories to "software".

12. Remove a contact from a specific company document by their name.

13. Increment the number\_of\_employees by 10 for a specific company with \_id.

14. Find companies with specific contact information (using the $elemMatch operator).

15. Delete all documents that match a specific condition (number\_of\_employees is less than 50).

16. Delete documents older than a certain date (created\_at date earlier than January 1, 2022).

17. Delete documents based on multiple conditions (category\_code equal to "web" and the number\_of\_employees less than 100).

18. Delete a document where the "category\_code" is "web" and "number\_of\_employees" is 47.

19. Delete a document where the "tag\_list" contains "media-platform".

20. Delete all documents in the collection.

1. db.companies.find({number\_of\_employees: {$gte: 50}})
2. db.companies.find({tag\_list: /wiki/})
3. db.companies.find({$expr: { $gte: [{ $size: "$funding\_rounds" }, 3] }})
4. db.companies.find({ total\_money\_raised: { $regex: /\$+[3-9][1-9]+M/ } })
5. db.companies.find({category\_code: "web", number\_of\_employees: {$lt: 50}})
6. db.companies.find({$or: [{deadpooled\_year: 1},{deadpooled\_year: null}] })
7. db.companies.aggregate({$sort: {number\_of\_employees: -1}})
8. db.companies.countDocuments({twitter\_username: {$exists: true, $ne: null}})
9. db.companies.insertOne({name:"Alice", address: {street:"HitechCity Rd", city:"Madhapur, Hyderabad", state:"Telangana", country: "India"}, contacts:{phone:9283746547, email: "abc@xyz.com"}})
10. db.companies.updateOne({name: "Wetpaint"},{$set: {contacts: { phone: 9283746547, email: 'abc@xyz.com' }}})
11. db.companies.updateMany({tag\_list: /college/},{$set: {category\_code: "Software"}})
12. db.companies.updateMany({name: "Wetpaint"},{$unset: {contacts: ""}})
13. db.companies.updateOne({\_id: ObjectId("52cdef7c4bab8bd675297d8a")}, {$inc: {number\_of\_employees: 10}})
14. db.companies.find({products: {$elemMatch: {name: "Wikison Wetpaint", "permalink":"wetpaint-wiki"}}})
15. db.companies.deleteMany({number\_of\_employees: {$lt: 50}})
16. db.companies.deleteMany({created\_at: {$lt: new ISODate("2021-01-01T00:00:00.000Z")}})
17. db.companies.deleteMany({$and: [{number\_of\_employees: {$lt: 100}},{category\_code: "web"}]})
18. db.companies.deleteMany({$and: [{number\_of\_employees: 47},{category\_code: "web"}]})
19. db.companies.deleteOne({tag\_list: /media-platform/})
20. db.companies.deleteMany({})