# Kongu Day 6

SQL → It is a __tabularized data storage__ platform. ✓

NoSQL → It is a Structure which holds a key value pair (JSON) variety of datatypes.

Queries is very easy

① Operations of your NoSQL.

C → Create

R → Retrieve / Read

U → Update

D → Delete.

login

signup {

- id:
- first_Name: ""
- last_Name: ""
- email: ""
- password: ""
- dob: ""
- gender: ""
- phoneNo: ""
}

① Creating a database

→ SQL → Create Database KEC;

→ NOSQL → use KEC;  [9]

② Create tables in SQL.
   ↳ Create collections in NOSQL.
      db.createCollection("_____");

③ Create records.
   ① insertOne ✓
   ② insertMany. ✓

④ Read/Retrieve the records.
   ① find → all the records
      → will find one record

② findOne → It

⑤ update:
 ② updateOne ⎱
 ② updateMany ⎰ ⎱ → Syntax.

⑥ Deleting:
 ① deleteone ⎱
 ② deleteMany ⎰

SQL is a server
MongoDB is also called as a Server and
majorly it serves on the port | 27017 |

① insertOne
→ db.collectionName.insertOne ({dg:"kec", dept:"cs"});

② insert Many

```
db.collectionName.insertMany([{firstName: "Vaishali",
                              lastName: "A",
                              email: "abc@gmail.com"},
                             {firstName: "Sanjay",
                              lastName: "S",
                              dept: "CSE"}])
```
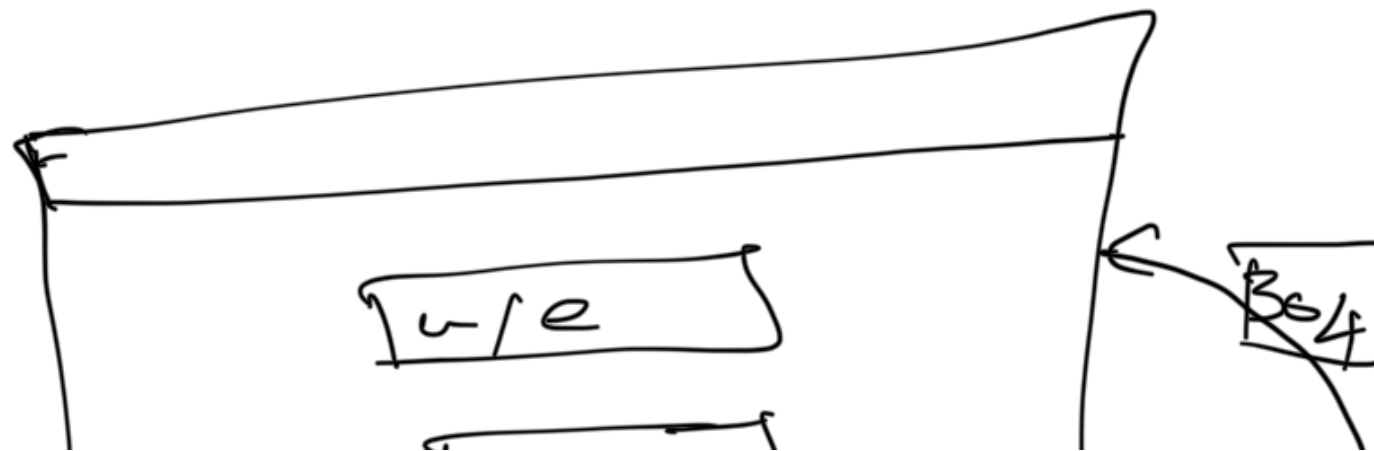
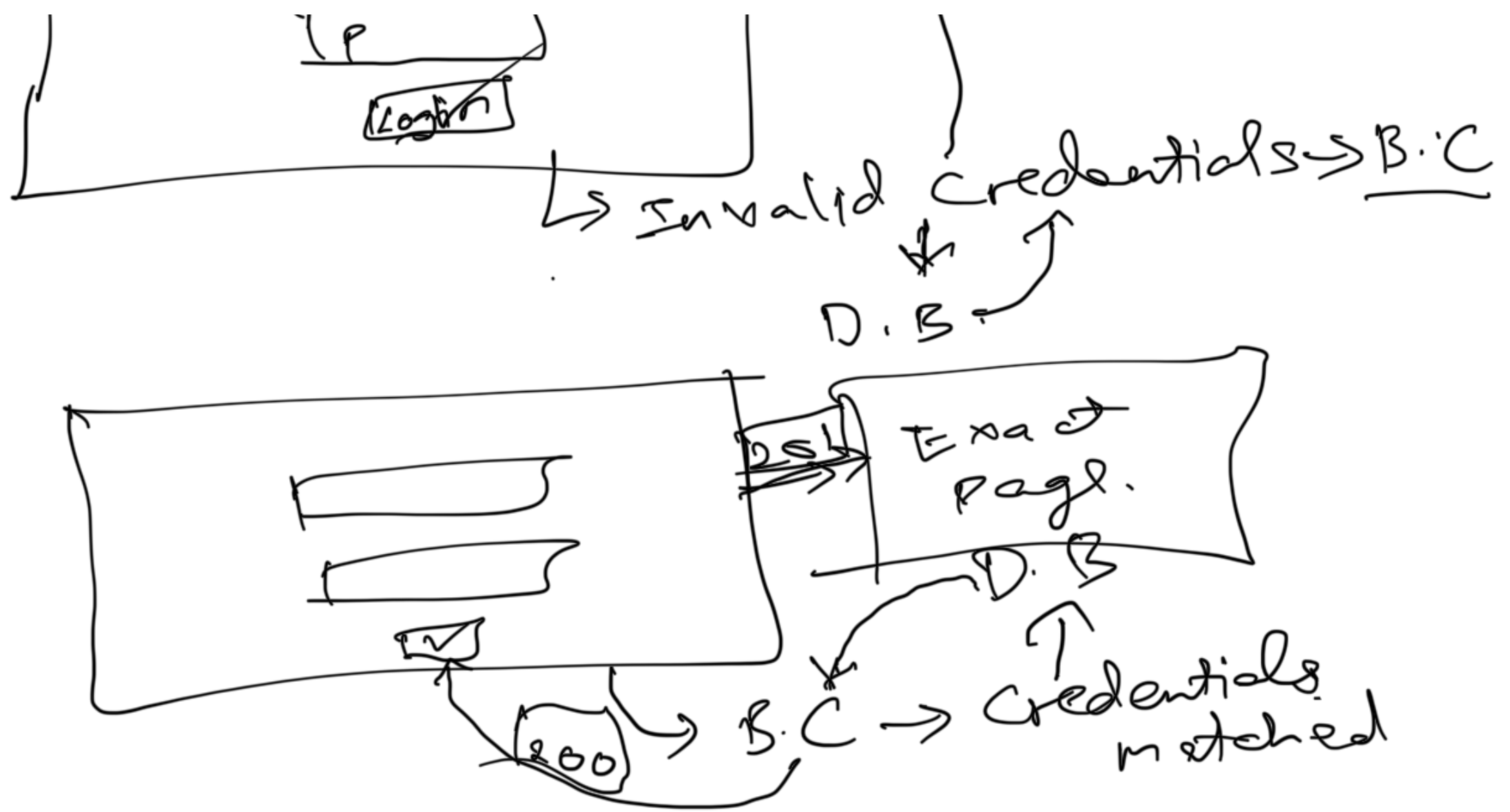③ find()

```
db.collectionName.find()
```

all your records.

④ findOne()

```
db.collectionName.findOne()
```

Display the first record in your collection
specific record.

To display a specific
db. collectionName. findOne({dept: CSE})

X

{ Backend }

① Server ✓
② It is a way to connect our DB. ✓
③ It is just a codebase which can't be
    seen by the end-user.
④ Backend comprises of your Backend
    code + your database.

u/e          Be4

IP

Login

⟶ Invalid Credentials → B.C

D.B.

Exact
Page.

D.B

200

B.C ⟶ Credentials
matched

B.E
Importing: require('express')
var express = require
('express')

app = express()

F.E
Importing: import React
from 'react'

```
const PORT = 3001
app.listen(PORT, () =>
  {
  clg ("Backend server started"),
  })
```