

## Module : 3

Q:1) what is express.js?

- ⇒ express is a node.js web application framework that provides broad features for building web and mobile application.
- ⇒ It is used to build a single page, multiple and hybrid web application.
- ⇒ It's a layer built on the top of the Node.js that helps manage servers and routes.

Q:2) What is MongoDB.

- ⇒ To create a database in MongoDB, start by creating a MongoClient object, then specify a connection URL with the correct ip address and the name of the database you want to create.

Q:3) Difference what is difference between MongoDB and SQL?

- | ⇒ My SQL  | MongoDB   |
|---|---|
| - My SQL represents data in tables and rows.  | ⇒ MongoDB represents data as collections of JSON documents.   |
| - My SQL is stands for Structured query language.   | ⇒ MongoDB uses object querying.   |
| - one of the best things about My SQL and relational databases in general is the supports JOIN operation. | ⇒ MongoDB does not support joins, but it does multi-dimensional data types such as array and even other document. |



- MySQL requires you to define your tables and columns before you can store anything, and every row in a table must have the same columns.

one of my favorite things about MongoDB is that you don't define the schema. you just drop in documents and two documents within a collection don't even

Q:4 Write command to show all data from product collections and sort in ascending order.

⇒ `db.collection('emp').find().sort({age: 1}).toArray().then(res) => { console.log(res); }`

Q:5 Update product price for particular product.

`db.collection('emp').updateOne({name: 'anu'}, {$set: {price: 400}}).then(res) => { console.log('updated product price') }`

Q:6 write command to delete particular document and collection.

`db.collection('emp').deleteOne({name: 'anu'}).then(res) => { console.log('deleted'); }`