8) **Working with the native mongoDB driver. & Mongoose.**

→ mongoDB can be intergrated with NodeJS using 2 ways:-

1) Native MongoDB driver

2) Mongoose.

① → **Native MongoDB Driver** (very rarely used).

» documentation → drivers → NodeJS driver.
   * Every driver differs for every language.

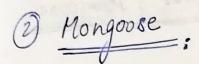» npm i mongodb. ⅃ in terminal.

» In app.js, you can require this module.

Note 6:-
* In documentation you might see `assert` also being req, assert is a package generally used for testing.

» What we are doing is → like we were running mongoDB on shell, now we are running in on app.js.

→ Using extra syntax / diff syntax then on shell.

                                                    (in shell)
∴ Instead of just pressing enter after entering the query, we run the app.js file —by→ node app.js. in terminal, like a backend code might be executing.

② Mongoose :

» Mongoose is an Object Document mapper. Built on top of MongoDB driver for mongodb and nodejs.

» It enables us to conveniently create and manage data in mongodb, eliminating repetitive boiler plate code.

» for understanding.

   » Javascript : DOM : JQuery :: MongoDB : Driver : Mongoose.

   ●

» So now, npm i mongoose.

   » require it in app-js.

   » .connect()

   » Create a new schema.

   » .model() (capital)

   » create document (small alphabet).

   » .save()

Extra Read.
Embedded dbs and other relationships in mongoose.

» You can even applying validations (like constraints) while declaring schema, like assertions in native driver