ODM(object data models) helps in interacting the backend server with the database, and helps defining the schema of the database.

ORM stands for Object-Relational Mapping. It's a programming technique used to convert data between incompatible systems in object-oriented programming languages and relational databases. In simpler terms, it's a way to map objects from your code to tables in a relational database.

ODM is used with Relational Databases, and ORM are used with Non-Relational Databases.

3 Important Jargons-

1. Cluster- It contains group of databases.
2. Database- It contains data organized in numerous tables, and contains relations between those tables. Database contains numerous collections. Collection contains numerous documents.
3. Table- It contains data corresponding to its attributes, and has attributes referencing to specific keys.

**EXPORT**

When you create a module in Node.js, everything inside it is private by default. However, if you want to make certain variables, functions, or objects accessible to other modules, you use module.exports to define what should be exported.

**ROUTING**

When we are dealing with nested routes, we make use of express.Router()

For eg: if we have a route /admin/a01/…. So if we have to deal with /a01 part, we make use of Router().

Using express.Router() also helps in maintaining modularity when working on larger projects, and helps in using one module in different modules.

**IMP- ALWAYS AVOID CIRCULAR DEPENDENCY, LIKE FILE-A REQUIRES FILE-B AND FILE-B REQUIRES FILE-A, THIS CAUSES CIRCULAR DEPENDENCY WHICH LEADS TO A CHAIN OF ERRORS.**

**Advantage of JWT-**

The advantage of using tokens is that every time we won’t have to go back to the database and find if the username exists and password is right. Jsonwebtoken remembers which token it has signed with that secret key, hence it can verify on its own.