**Week 10**

**10.0.1 Postgres**

* pg is the library we are using to connect to Postgres.
* We don’t put username, email etc directly in the insert query because of SQL injection. We always use $1, $2 and get it from an array.
* In real world, you never delete a row. You just have a column called deleted and you mark it as true when the rown is deleted.
* JOIN is same as INNER JOIN and gets rows which are present on both tables. FULL JOIN gets rows even if they are present on one table only.

**10.0.2 Prisma and ORMs**

* Migration means updating your schema or creating the tables for the first time.
* npx prisma migrate dev –name init

**10.1 Postgres**

* Migration creates a single file that you can run when setting up the project. That file sets up the database and schema required by the project.
* Always pass user provided values as $1, $2, etc because of SQL injection.

**10.2 Prisma**

* Get the current schema of the project in a newly cloned project is called migration.
* Autogenerated clients expose the tables as classes so that a node.js code can use them. Under the hood, these classes are using SQL queries.
* For generating client – npx prism generate
* Whenever you’re schema gets changed you have to migrate and generate the client.
* npx prisma studio