**WEEK-3**

* Select for reading
* ERD- Entity Relationship diagram (crow foot)
* DDL- Data Definition Language
  + Commands under DDL are Create (creation of data, table will be empty), Alter, Drop (deletes the table)
* DML- Data Manipulation Language
  + Commands Insert, Add data, Update, Modify existing data, delete(rows), reverse.
* Bridge table to remove many to many relationships.
* Bridge table is also known as look up table.
* CHAR has fixed length.
* VAR CHAR has variable length and can be initialized with size (10).
* SURROGATE KEY generates auto numbers.
* Transaction Log -> All the activities are carried out as a single unit and stored in it. All old new values with update, insert and delete are stored in Transaction log.
* Rollback is also abort

**Table script**

Create table student (stid int Primary Key, Lname varchar(30), Fname varchar(30) not null, email varchar(35) not null unique, Phone char(13) unique);