**Assignment 2**

Design a database schema for a library system, including tables, fields, and constraints like NOT NULL, UNIQUE, and CHECK. Include primary and foreign keys to establish relationships between tables.

SQL Commands:

create table Authors (

author\_id number(10) PRIMARY KEY, name varchar2(50) NOT NULL

);

insert into Authors values(3,'Harrley'); select \* from Authors;

create table Categories (

category\_id number(10) PRIMARY KEY, category\_name varchar2(50) NOT NULL UNIQUE

);

insert into Categories values(3,'Love Comedy'); select \* from Categories;

create table Members (

member\_id number(10) PRIMARY KEY, name varchar2(50) NOT NULL,

email varchar2(100) NOT NULL UNIQUE,

phone varchar2(15) UNIQUE CHECK (phone != '0')

);

insert into Members values(2,'aa',['aa@gmail.com',](mailto:bb@gmail.com)0987654321);

select \* from Members;



