**Day 9 Assignment 1**

**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.**

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**CREATE TABLE library (**

**category id varchar2(30) primary key,**

**name VARCHAR(50) not null**

**);**

**describe library;**

**select \* form library;**

**insert into library values(101,'biography');**

**insert into library values(102,'spritual');**

**insert into library values(103,'noval');**

select \* from library;

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**create table student**

**(**

**id number(10) primary key,**

**student name(20) non null,**

**age number(10),**

**email id(30) unique,**

**);**

describe student;

select \* from student ;

INSERT INTO student (id, student\_name, age, email) VALUES (1, 'Hitesh', 24, 'hitesh@gmail.com');

INSERT INTO student (id, student\_name, age, email) VALUES (2, 'Rahul', 22, 'rahul@gmail.com');

INSERT INTO student (id, student\_name, age, email) VALUES (3, 'Priya', 23, 'priya@gmail.com');

select \* from student ;

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INSERT INTO student (id, student\_name, age, email) VALUES (4, 'Anita', 21, 'anita@gmail.com');

INSERT INTO student (id, student\_name, age, email,) VALUES (5, 'John', 25, 'john@gmail.com',);

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DELETE FROM library WHERE id = 1;

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UPDATE library SET category id ='3' WHERE category id = '1';

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-- View the structure of the tables

DESCRIBE library;

DESCRIBE student;

-- Select all data from the tables

SELECT \* FROM library;

SELECT \* FROM student;

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select age from student where age=24;

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