

**NAME : MASOOD SAID**

**ID : 13723**

**DEP : BS(SE)**

**COURSE : Database system**

**Sessional Assignment Summer 2020**

**Instructor : Rimsha khan**

**Q1: Write SQL queries for the following DDL Statements**

**1. Write SQL Query to create a Database by the name Gallery**

**ANS: CREATE DATABASE <Gallery>;**

**2. Write a SQL query to create a table by the name Movies which should have the following columns and restrictions**

**Column Name: ID                      Type: integer**

**Column Name: Movie\_Name    Type: varchar**

**Column Name: Genre                      Type: varchar**

**Column Name: Year                      Type: integer**

**Column Name: Rating                      Type: integer**

**Restrictions: ID should be the primary key i.e NOT NULL. Movie\_Name should also be NOT NULL. Year should have a maximum value of 2020 and rating should have a maximum value of 5.**

**ANS : CREATE TABLE Movies (**

**ID int NOT NULL,**

**PRIMARY KEY (ID),**

**Movie\_Name varchar (255) NOT NULL,**

**Genre varchar (255),**

**Year int (234) MAX (2020) AS MaximumYear FROM Movies,**

**Rating int (5) MAX (5) AS MaximumRating FROM Movies,**

**);**

**3. Write 4 SQL Queries to insert RANDOM data of 4 movies in Movies Table.**

**ANS :**

**Inert Into RAND (  
id(2340),movie\_name(abc),genre(reru37),year(1980),rating(1)**

**)**

**Inert Into RAND (  
id(2345),movie\_name(def),genre(reru38),year(1985),rating(2)**

**)**

**Inert Into RAND (  
id(2350),movie\_name(ijk),genre(reru39),year(1990),rating(3)**

)

**Inert Into RAND (  
id(2355),movie\_name(xyz),genre(reru40),year(1995),rating(5)**

)

**4. Write SQL Query for finding/displaying movies with rating greater than 4.**

**ANS :**

**SELECT Movies\_name,Rating**

**FROM Movies**

**WHERE Rating>4;**

**5. Write an SQL Query to delete data of movies of year 2020.**

**ANS :**

**DELETE FROM `Movies` WHERE `movie\_Year` = 2020;**

**THANK YOU**

