

NAME : UMAIR KHAN

ID : 6949

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(xyz),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(abc),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;

