

## Sessional Assignment Summer 2020

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**SUBJECT: DATA BASE**

**DEP: BS(SE)**

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

- 1. Write SQL Query to create a Database by the name Gallery (Marks 2)**

**ANSWER:**

Create table . gallery{

- 2. Write a SQL query to create a table by the name Movies which should have the following columns and restrictions: (Marks 10)**

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.

ID.PKEY	MOVIE_NAME	GENRE	YEAR	RATING
101	dhoom	action	2017	3.5
102	Don	action	2015	4.5
103	Kkkg	romantic	2004	5
104	Sahoo	adventure	2019	4
105	Don2	action	2020	5

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

**ANSWER:**

1. Insert into movie values( 101,'dhoom','kkkg', 'sahoo' , 'don2')

2. Insert into movie  
(ID, movie\_name) values (101, 'dhoom', 102, 'don', 103, 'kkkg', 104, 'sahoo')

3. Insert into movie  
(ID, movie\_name, year) values (101, 'dhoom', 2017), (102, 'don', 2015)

4. Insert into movie  
Select 'dhoom' as movie\_name, 2017 as year, 3.5 as rating  
Union all  
Select 'kkkg' as movie\_name, 2004 as year, 5 as rating

**4. Write SQL Query for finding/displaying movies with rating greater than 4.  
(2 marks)**

**ANSWER:**

Set movie = 'rating'  
Where id in (101, 102, 103, 104, 105)

**5. Write an SQL Query to delete data of movies of year 2020. (2 marks)**

**ANSWER:**

Delete from movie  
Where year=2020;

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