Important Commands Discussed in Class 10-5-2021

1) \sql
2) \connect root@localhost:3306
3) Use demovirtusa;
4) CREATE DATABASE demoDB;
5) USE demoDB;
6) CREATE TABLE Persons (

     PersonID int,

    LastName varchar(255),

    FirstName varchar(255),

     Address varchar(255),

     City varchar(255)

    );

7) INSERT INTO Person Values(1,"bhavna","joshi","jodhpur","Rajasthan");
8) INSERT INTO Customers (CustomerName, City, Country)
   VALUES ('Cardinal', 'Stavanger', 'Norway');
9) ALTER TABLE Persons
   ALTER COLUMN DateOfBirth year;
10) ALTER TABLE Persons
    ADD DateOfBirth date;
11) ALTER TABLE Persons
    DROP COLUMN DateOfBirth;
12) DROP DATABASE demoDB;
13) DROP TABLE Person;
14) TRUNCATE TABLE table_name;
15) --Select all:
16) /*Select all the columns
    of all the records
    in the Customers table:*/
17) ALTER TABLE table_name
    RENAME TO new_table_name;
18) RENAME old_table _name To new_table_name;
19) SELECT expressions
    FROM tables
    WHERE conditions;
20) UPDATE students
    SET User_Name = 'beinghuman'
    WHERE Student_Id = '3'
21) DELETE FROM table_name [WHERE condition];
22) DELETE FROM table_name;
23) DELETE FROM student_name
    WHERE id = 003;
24) grant privilege_name on object_name

to {user_name | public | role_name}

25) revoke privilege_name on object_name
    from {user_name | public | role_name}
26) COMMIT – to save the changes.
    COMMIT;
27) ROLLBACK – to roll back the changes.
    ROLLBACK;
28) SAVEPOINT – creates points within the groups of transactions in which to ROLLBACK.
    SAVEPOINT SAVEPOINT_NAME;
    ROLLBACK TO SAVEPOINT_NAME;
29) SET TRANSACTION − Places a name on a transaction.

    SET TRANSACTION [READ WRITE | READ ONLY];
    SET AUTOCOMMIT ON;

    Reference: -
    https://www.w3schools.com/sql/
    https://www.tutorialspoint.com/sql/index.htm
    https://www.javatpoint.com/sql-tutorial
    https://www.guru99.com/sql.html

Assignment: -

1) Create 4 tables related to projects decided.
2) Try to retrieve data from the tables you create.
3) Apply conditions in query and filter data.
4) Query a set of data and print in a format.