**Mysql**

**Uses: Data store**

**Database[Basic Queries, Aggregative Queries]**

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**Queries:**

1.CREATE DATABASE databasename;

2.DROP DATABASE databasename;

3.CREATE TABLE Persons (PersonID int,LastName varchar(255),FirstName varchar(255),Address varchar(255),City varchar(255));

4.DROP TABLE table\_name;, TRUNCATE TABLE table\_name;

5.Insert into tablename(fiel1,field2....)values(‘ans1’,’ans2’..)

6.SELECT \* FROM table\_name;, SELECT CustomerName, City FROM Customers;

7.SELECT DISTINCT Country FROM Customers;,

8.SELECT \* FROM Customers WHERE Country='Mexico';, SELECT \* FROM Customers WHERE CustomerID=1;[Operators:=,<,>,>=,<=,between,like

9.SELECT \* FROM Customers WHERE Country='Germany' AND City='Berlin';, SELECT \* FROM Customers WHERE City='Berlin' OR City='München';,SELECT \* FROM Customers WHERE Country='Germany' AND (City='Berlin' OR City='München');

10.SELECT \* FROM Customers WHERE NOT Country='Germany';,SELECT \* FROM Customers WHERE NOT Country='Germany' AND NOT Country='USA';

11.SELECT \* FROM Customers ORDER BY Country DESC;

12.UPDATE Customers SET ContactName = 'Alfred Schmidt', City = 'Frankfurt' WHERE CustomerID = 1;

13.DELETE FROM Customers WHERE CustomerName='Alfreds Futterkiste';

14.SELECT \* FROM Customers LIMIT 3;, SELECT \* FROM Customers WHERE Country='Germany' LIMIT 3;

15.SELECT MIN(Price) AS SmallestPrice FROM Products; , SELECT MAX(Price) AS LargestPrice FROM Products;

16.SELECT COUNT(ProductID) FROM Products; , SELECT SUM(Quantity) FROM OrderDetails;

17.SELECT \* FROM Customers WHERE CustomerName LIKE 'a%';,SELECT \* FROM Customers WHERE CustomerName LIKE '%a';,SELECT \* FROM Customers WHERE CustomerName LIKE '%or%';,

18.SELECT \* FROM Customers WHERE CustomerName LIKE '\_r%';,SELECT \* FROM Customers WHERE ContactName LIKE 'a%o';,SELECT \* FROM Customers WHERE CustomerName NOT LIKE 'a%';

19.SELECT \* FROM Customers WHERE Country IN ('Germany', 'France', 'UK');[three countries report],SELECT \* FROM Customers WHERE Country NOT IN ('Germany', 'France', 'UK');

20.SELECT \* FROM Products WHERE Price BETWEEN 10 AND 20;,SELECT \* FROM Products WHERE Price NOT BETWEEN 10 AND 20;,

21.SELECT \* FROM Products WHERE Price BETWEEN 10 AND 20 AND CategoryID NOT IN (1,2,3);

22.SELECT CustomerID AS ID, CustomerName AS Customer FROM Customers;[Alias], SELECT CustomerName AS Customer, ContactName AS "Contact Person"

FROM Customers;

24. ALTER CHARACTER SET utf8mb4 COLLATE utf8mb4\_general\_ci NULL DEFAULT NULL;

25. ALTER TABLE tblstudent CHANGE mbl MOBILE VARCHAR(100);

26. SELECT username FROM user\_details GROUP BY username HAVING not COUNT(username) > 1

Note:SELECT COUNT(CustomerID), Country FROM Customers GROUP BY Country;[group by]