Create Database :- create database db1; Select/Use Database :- use db1;

Create Query :- CREATE TABLE customers (id int(10), name varchar(50), city varchar(50));

Alter Query :- ALTER TABLE customers ADD COLUMN age varchar(50);

ALTER TABLE guru99 RENAME TO guru100;

Insert Query :- insert into customers values(101,'rahul','delhi');

Update Query :- update customers set name='bob', city='London' where id=101;

Delete Query :- delete from customers where id=101;

Select Query :- SELECT \* from customers;

Drop Query :- drop table customers;

AND Operator :- SELECT ID, NAME, SALARY FROM CUSTOMERS WHERE SALARY > 2000 AND age < 25;

OR Operator :- SELECT ID, NAME, SALARY FROM CUSTOMERS WHERE SALARY > 2000 OR age < 25;

ARITHMETIC Operators :- SELECT \* FROM CUSTOMERS WHERE SALARY = SALARY + 1000;

GROUP BY :- SELECT dept\_id, SUM(salary) AS total\_salaries FROM employees GROUP BY dept\_id;

LIKE CLAUSE :-

SELECT \* FROM CUSTOMERS WHERE SALARY LIKE '200%'; (Finds any values that start with 200.)

SELECT \* FROM CUSTOMERS WHERE SALARY LIKE '%200%';

SELECT \* FROM CUSTOMERS WHERE SALARY LIKE '\_00%';

SELECT \* FROM CUSTOMERS WHERE SALARY LIKE '%2';( Finds any values that end with 2)

UNIONS CLAUSE :- select \* from hostel1 UNION Select \* from hostel2’;

INTERSECT Operation :- select \* from hostel1 INTERSECT Select \* from hostel2’;

Adding Foreign key Constraint :- ALTER TABLE emp add constraint fk foreign key(deptno) references dept(deptno);

Dropping Foreign Constraint :- ALTER TABLE emp drop constraint fk;

CREATING VIEWS :- SQL > CREATE VIEW CUSTOMERS\_VIEW AS SELECT name, age FROM CUSTOMERS;

SELECT \* FROM CUSTOMERS\_VIEW;

Updating a View :- UPDATE CUSTOMERS\_VIEW SET AGE = 35 WHERE name = 'Ramesh';

Dropping Views :- DROP VIEW CUSTOMERS\_VIEW;