**SQL Basic Queries**

**1) Student Table:**

siddharth=# create table student(Roll\_No int primary key,Name varchar(30),Address varchar(30),Percentage int);

CREATE TABLE

siddharth=# insert into student values(1,'Om','Ozar',90);

INSERT 0 1

siddharth=# insert into student values(2,'Sai','Nashik',80);

INSERT 0 1

siddharth=# insert into student values(3,'Ram','Pune',70);

INSERT 0 1

siddharth=# select\*from student;

roll\_no | name | address | percentage

---------+------+-----------+------------

1 | Om | Ozar | 90

2 | Sai | Nashik| 80

3 | Ram | Pune | 70

(3 rows)

**2) Book Table:**

siddharth=# create table Book(B\_Id int primary key,B\_Name varchar(30),Author varchar(30),Publication varchar(30),Price int);

CREATE TABLE

siddharth=# select \* from Book;

b\_id | b\_name | author | publication | price

------+--------+--------+-------------+-------

(0 rows)

siddharth=# insert into Book values(1,'Java Programming','ABC','Vision',1000);

INSERT 0 1

siddharth=# insert into Book values(2,'C Programming','PQR','Nirali',1000);

INSERT 0 1

siddharth=# insert into Book values(3,'Python Programming','XYZ','Vision',1000);

INSERT 0 1

siddharth=# select \* from Book;

b\_id | b\_name | author | publication | price

------+--------------------+--------+-------------+-------

1 | Java Programming | ABC | Vision | 1000

2 | C Programming | PQR | Nirali | 1000

3 | Python Programming | XYZ | Vision | 1000

(3 rows)

**3) Employee Table:**

siddharth=# create table Employee(E\_Id int primary key,E\_Name varchar(30),Salary int,Specialization varchar(30));

CREATE TABLE

siddharth=# select\*from Employee;

e\_id | e\_name | salary | specialization

------+--------+--------+----------------

(0 rows)

siddharth=# insert into Employee values(1,'Om',50000,'Software Developer');

INSERT 0 1

siddharth=# insert into Employee values(2,'Sai',60000,'Java Developer');

INSERT 0 1

siddharth=# insert into Employee values(3,'Ram',70000,'Angular Developer');

INSERT 0 1

siddharth=# select\*from Employee;

e\_id | e\_name | salary | specialization

------+--------+--------+--------------------

1 | Om | 50000 | Software Developer

2 | Sai | 60000 | Java Developer

3 | Ram | 70000 | Angular Developer

**4) Doctor Table:**

siddharth=# create table Doctor(D\_Id int primary key,D\_Name varchar(40),Email varchar(30) ,Phone\_No int, Specialization varchar(30));

CREATE TABLE

siddharth=# select\*from Doctor;

d\_id | d\_name | email | phone\_no | specialization

------+--------+-------+----------+----------------

(0 rows)

siddharth=# insert into Doctor values(1,'ABC','abc@gmail.com',1234567890,'Heart Surgery');

INSERT 0 1

siddharth=# insert into Doctor values(2,'PQR','pqr@gmail.com',0987654321,'Cardiology');

INSERT 0 1

siddharth=# insert into Doctor values(3,'XYZ','xyz@gmail.com',1234554321,'Plastic Surgery');

INSERT 0 1

siddharth=# select\*from Doctor;

d\_id | d\_name | email | phone\_no | specialization

------+--------+---------------+------------+-----------------

1 | ABC | abc@gmail.com | 1234567890 | Heart Surgery

2 | PQR | pqr@gmail.com | 987654321 | Cardiology

3 | XYZ | xyz@gmail.com | 1234554321 | Plastic Surgery

**5) Patient Table:**

siddharth=# create table Patient(P\_Id int primary key,P\_Name varchar(20),Address varchar(30),Disease varchar(30),Test varchar(30));

CREATE TABLE

siddharth=# select \*from Patient;

p\_id | p\_name | address | disease | test

------+--------+---------+---------+------

(0 rows)

siddharth=# insert into Patient values(101,'DEF','Balaji Nagar','Cancer','MRI');

INSERT 0 1

siddharth=# insert into Patient values(102,'PQR','Katraj','Accident','CT Scan');

INSERT 0 1

siddharth=# insert into Patient values(103,'XYZ','Shivaji Nagar','Diabetes','Blood Test');

INSERT 0 1

siddharth=# select \*from Patient;

p\_id | p\_name | address | disease | test

------+--------+---------------+----------+------------

101 | DEF | Balaji Nagar | Cancer | MRI

102 | PQR | Katraj | Accident | CT Scan

103 | XYZ | Shivaji Nagar | Diabetes | Blood Test