**Practical 18**

CREATE TABLE Employee (

id INT PRIMARY KEY,

first\_name VARCHAR(50),

last\_name VARCHAR(50),

email VARCHAR(100) ,

department\_id INT,

hire\_date DATE

);

insert into Employee values(1,"Tejal","Sawale","teju@123",2,"2022-08-07");

insert into Employee values(2,"Sneha","Sawale","sneha@123",3,"2021-08-07");

insert into Employee values(3,"Nikita","Kotkar","nik@123",3,"2023-08-07");

CREATE INDEX emp\_index ON Employee (id);

-- Query using the indexed column

SELECT \* FROM Employee WHERE id = 1;

-- Query without using the index

SELECT \* FROM Employee WHERE first\_name = 'Nikita';

-- Sorting by the indexed column

SELECT \* FROM Employee ORDER BY id;

-- Sorting by a non-indexed column

SELECT \* FROM Employee ORDER BY first\_name;

ALTER TABLE Employee ADD CONSTRAINT UNIQUE (id);

DROP INDEX emp\_index ON Employee;