Flutter Java training: Assignment 1

1 CREATE TABLE student(roll\_no int primary key auto\_increment,name varchar(30), division varchar(10), branch varchar(30), city varchar(30), marks int);

2 INSERT INTO student (name, division,branch,city,marks) VALUES ('ABC', 'A', 'CSE', 'Pune', 50), ('DEF', 'B', 'CSE', 'Pune', 30), ('GHI', 'A', 'CSE', 'Pune', 78), ('JKL', 'C', 'Mechanical', 'Pune', 60), ('MNO', 'C', 'CSE', 'Pune', 92), ('PQR', 'B', 'Electronics', 'Delhi', 50), ('STU', 'B', 'Civil', 'Hyderabad', 83), ('VWX', 'A', 'CSE', 'Noida', 50), ('YZA', 'B', 'CSE', 'Guwahati', 82), ('BCD', 'A', 'Mechanical', 'Aurangabad', 64), ('EFG', 'C', 'Electronics', 'Solapur', 86);

3 SELECT name, city FROM student;

4 SELECT DISTINCT name FROM student;

5 SELECT \* FROM student;

6 SELECT \* FROM student WHERE marks > 70;

7 SELECT \* FROM student WHERE name LIKE 'S%';

8 SELECT \*FROM student WHERE marks >= 50 AND marks <= 60;

9 SELECT \* FROM student WHERE branch = 'CSE' AND city = 'Pune';

10 UPDATE student SET branch = 'IT' WHERE roll\_no = 9;

11 DELETE FROM student WHERE division = 'B';

12 CREATE TABLE TE\_Students (roll\_no INT PRIMARY KEY AUTO\_INCREMENT, name VARCHAR(30));

13  SELECT roll\_no from student UNION SELECT roll\_no FROM TE\_Students;

Flutter Java training: Assignment 2

1 CREATE TABLE Customer(cust\_id INT PRIMARY KEY AUTO\_INCREMENT, cust\_name VARCHAR(30), product VARCHAR(50), quantity INT, total\_price FLOAT);

2 ALTER TABLE Customer ADD COLUMN price\_per\_quantity FLOAT;

3 CREATE VIEW Cust\_view AS SELECT cust\_id, cust\_name FROM Customer;

4 CREATE OR REPLACE VIEW Cust\_view AS SELECT cust\_id, product, total\_price FROM Customer;

5 DROP VIEW Cust\_view;

6 CREATE INDEX cust\_index ON Customer(cust\_name);

7 DROP INDEX cust\_index ON Customer;

8 SELECT \* FROM Customer as CUST;

9 DROP TABLE Customer;