LPAD:

Padding:

ABC

LPAD(STRING, LENGTH OF STRING AFTER ADDING char, char or string to be added for Given string);

SELECT LPAD('Xworkz', 15, 'abcd');

SELECT RPAD('BANGALORE', 20, '123');

SELECT \* FROM airlines;

SELECT LPAD(Plane\_name, 20, '123') as padding from airlines;

SELECT \* FROM airlines;

CREATE TABLE table\_name AS SELECT \* FROM FROM existing\_table\_name;

CREATE TABLE airlines\_copy AS SELECT \* FROM airlines;

SELECT \* FROM airlines\_copy;

DELETE FROM airlines\_copy;

GROUP BY:

CREATE TABLE student(id int, s\_name varchar(20), gender varchar(20), sal bigint);

INSERT INTO student values(1,'Reshma', 'Female', 20000),

(2,'Nandish', 'male', 23000),

(3,'Deepthi', 'Female', 25000),

(4,'Madhu', 'male', 30000),

(5,'Mufidha', 'Female', 34000),

(6,'Sanjana', 'Female', 40000),

(7,'Hitesh', 'male', 50000),

(8,'Shreyas', 'male', 55000),

(9,'Anil', 'male', 60000),

(10,'Kiran', 'male', 65000),

(11,'Nithin', 'male', 70000);

SELECT \* FROM student;

SELECT gender,COUNT(\*) FROM student GROUP BY gender;

SELECT \* FROM airlines;

SELECT origin,COUNT(\*) FROM airlines group by origin;

SELECT count(\*) from airlines where origin = 'Bangalore';

WHERE:

HAVING:

SELECT origin,COUNT(\*) AS no\_of\_origin from airlines

group by origin HAVING no\_of\_origin > 1;

SELECT \* FROM airlines;

SELECT destination, SUM(No\_of\_seats) as total\_seats from airlines

Group by destination having total\_seats < 550;

SELECT destination, MAX(No\_of\_passengers) as max\_no from airlines

group by destination HAVING max\_no > 500;

SELECT distinct FROM WHERE GROUP BY HAVING ORDER BY;

SELECT origin, Min(price) from airlines group by price

Having min(price) > 3000;

SELECT \* FROM Airlines;

SELECT avg(price) from airlines group by destination

having avg(price) < 3000;

Constraints:

1) Not null

DESC airlines;

CREATE TABLE metro(id int not null, m\_type varchar(20) not null, origin varchar(20), destination varchar(30), price int not null);

SELECT \* FROM metro;

INSERT INTO metro values(1, 'Greenline', 'silkinstitute','Nagasandra', 50);

INSERT INTO metro values(2, 'PurpleLine', 'Kengeri','Whitefield', 50);

Constraint voilation:

DESC metro;

TASK:

CREATE 1 TABLE WITH 5 COLUMNS(group by and having for all aggragate functions)

CREATE 1 TABLE WITH 5 columns apply not null to all columns.

INSERT 10 data for each table.