**MySql**

Queries:

1-9.DATA TYPES:

|  |  |  |  |
| --- | --- | --- | --- |
| **NUEMERIC** | INT |  |  |
| SIZE |  |  |  |

2-10.CREATE TABLE:

CREATE DATABASE dbname;

CREATE TABLE isdtp ( emp\_id INT NOT NULL AUTO\_INCREMENT,

emp\_name VARCHAR(30)NOT NULL,

emp\_role VARCHAR(30)NOT NULL );

3-11.DROP:

DROP DATABASE dbname;

DROP TABLE isdtp;

4-12.INSERT

INSERT INTO isdtp (emp\_id,emp\_name,emp\_role)VALUES(1,"ragava","web developer trainee");

INSERT INTO isdtp (emp\_id,emp\_name,emp\_role)VALUES(1,"ragava","web developer trainee");

INSERT INTO isdtp (emp\_name,emp\_role)VALUES("Renuka","office admin");

5-13.SELECT \*

SELECT \* FROM isdtp;

SELECT \* FROM istdp where emp\_id=1;

6-14.WHERE =,!=,>,<,=>,<=

SELECT \* FROM isdtp WHERE emp\_id =2;

SELECT \* FROM isdtp WHERE emp\_id !=2;

SELECT \* FROM `isdtp` WHERE emp\_id > 1;

SELECT \* FROM isdtp WHERE emp\_id <2;

SELECT \* FROM isdtp WHERE emp\_id <=2;

SELECT \* FROM isdtp WHERE emp\_id >=2;

7-15.UPDATE

UPDATE isdtp SET emp\_role='python developer' WHERE emp\_id=3;

UPDATE isdtp SET emp\_name ='selvam' WHERE emp\_id=2;

UPDATE isdtp SET emp\_role ='data analyst' WHERE emp\_name='selvam';

UPDATE isdtp SET emp\_name='vijaya ragavan',emp\_role ='web developer' WHERE emp\_name='ragava';

UPDATE isdtp SET emp\_id=5 WHERE emp\_id=6;

8-16.DELETE

DELETE FROM isdtp where emp\_id=5;

DELETE FROM isdtp WHERE emp\_name='Renuka';

9-17.LIKE

SELECT \* FROM isdtp WHERE emp\_name LIKE 'R%'; // is emp name start with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE 'v%';

SELECT \* FROM isdtp WHERE emp\_name LIKE '%n'; // is emp name ends with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE '%N';

SELECT \* FROM isdtp WHERE emp\_name LIKE '%k%'; is emp name containes with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE '%vija%';

SELECT \* FROM isdtp WHERE emp\_name LIKE '\_i%'; is emp name second position with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE '\_e%';

SELECT \* FROM isdtp WHERE emp\_name LIKE "v%n"; emp name Start and ends with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE "S%M";

SELECT \* FROM isdtp WHERE emp\_name LIKE "V\_% R\_%"; emp name Start and second name starts with defined character

SELECT \* FROM isdtp WHERE emp\_name LIKE "j\_% v\_%";

10-18.SORTING

SELECT \* FROM isdtp ORDER BY emp\_name; default otp shown ASC

SELECT \* FROM isdtp ORDER BY emp\_name DESC; Modified int DESC

SELECT \* FROM isdtp ORDER BY emp\_name DESC;

SELECT \* FROM isdtp ORDER BY emp\_name DESC,emp\_role DESC; Modified int DESC,ASC

10-18.SORTING

11-19 NULL VALUES

SELECT emp\_role FROM isdtp WHERE emp\_role IS NULL; // In this table heading any value is null

SELECT emp\_name FROM isdtp WHERE emp\_name IS NOT NULL;

12-20 Regexps:

SELECT \* FROM isdtp WHERE emp\_name REGEXP '^VI' ; // Startswith- ^

SELECT \* FROM isdtp WHERE emp\_name REGEXP 'an$' ; // Endswith- $

SELECT \* FROM isdtp WHERE emp\_role REGEXP '.V'// Any Single Character- **.**

SELECT \* FROM isdtp WHERE emp\_role REGEXP 'V.'

SELECT \* FROM isdtp WHERE emp\_name REGEXP "[ZX]"; // Any Multiple Listed Character- “[anycharacter]”

SELECT \* FROM isdtp WHERE emp\_name REGEXP "[^Q]"; // Any Multiple Not Listed Character- “[^anycharacter]”

Ramaining 5 reqexp are in doubt