

\* To view all databases:-

SHOW DATABASES;

\* Creating database:-

CREATE DATABASE Database\_name;

here CREATE DATABASE University;

\* Using database:-

USE DATABASE\_NAME

\* Creating a table:-

Field names:- NAME, RollNo., EMAIL, GENDER, CGPA,  
CITY

CREATE TABLE table\_name (name VARCHAR(10),  
roll-no VARCHAR(10),  
email VARCHAR(50),  
gender VARCHAR(10),  
CGPA DECIMAL(4,2),  
city VARCHAR(10));

\* To see the schema of table:-

DESCRIBE table\_name;

\* Inserting values into table:-

INSERT INTO table\_name values ('Arun', '10011', 'arun@gmail.com',  
'male', 4.92, 'Birk');

\* Displaying all the contents of table:-

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SELECT * FROM table_name;
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\* Using WHERE command,

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SELECT * FROM table_name WHERE (GPA > 7);
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SELECT Name FROM table_name WHERE Roll_no = 10011;
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Q) Create the following table

Client\_master

<u>Column name</u>	<u>datatype</u>	<u>Size</u>
Client_no	varchar	6
name	varchar	20
<del>address 1</del>	<del>varchar</del>	<del>30</del>
<del>address 2</del>	<del>varchar</del>	<del>30</del>
City	varchar	15
State	varchar	15
Pincode	number	6
mobile no	number	10, 2

Insert the following data into the table

<u>Client_no</u>	<u>Name</u>	<u>City</u>	<u>Income</u>	<u>State</u>	<u>bal_due</u>
0001	Ivan	Bombay	400054	Maharashtra	15000
0002	Vandana	Mumbai	780001	Tamil Nadu	0
0003	P. aravinda	Bombay	400057	Maharashtra	5000
0004	Ravi	Bombay	400050	Maharashtra	0
0005	Ravi	Delhi	100001		2000
0006	Rukmini	Bombay	400050	Maharashtra	0

On the basis of above table, answer the following questions:

1) Find out the name of all clients.

Select name from client\_master;

2) Retrieve the list of name & cities of all client.

Select name, city from client\_master;

3) List all the clients who are located in Bombay.

Select \* from client\_master where city = 'Bombay';

4) Display the information for client number 0001 & 0002.

Select \* from client\_master where client\_no = '0001' or client\_no = '0002';

5) Display the name of client whose bal\_due is greater than 2000?

select name from client\_master where bal\_due > 2000;