MYSQL Project
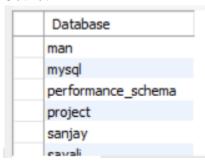Name: Vedant Sanjay Kamble   Batch No: 307

1) MYSQL Query to Show DataBase?
Query:show databases;
OutPut:

Database
man
mysql
performance_schema
project
sanjay
savali

2) MYSQL Query to Create DataBase?
Query:create database Project;
OutPut:

✅   11 23:10:31   create database Project

3) MYSQL Query to Use DataBase?
Query:use Project;
Output:

✅   4 22:45:11   show databases

✅   5 22:49:43   use Project

4) MYSQL Query to Create Table?
Query:
CREATE TABLE CUSTOMERS(ID INT NOT NULL,NAME VARCHAR (20) NOT NULL,AGE INT
NOT NULL,ADDRESS CHAR (25) ,SALARY DECIMAL (18, 2), PRIMARY KEY (ID));
OutPut:

✅   17 23:13:40   CREATE TABLE CUSTOMERS(ID INT NOT NULL,NAME VARCHAR (20) NOT NULL,AGE INT NOT NULL,...

5) MYSQL Query to Show Table?
Query:show tables;
Output:

Tables_in_project
▶ customers
something

6)MYSQL Query to Describe Table?
Query:describe CUSTOMERS;
Output:

Field	Type	Null	Key	Default	Extra
ID	int	NO	PRI	NULL	
NAME	varchar(20)	NO		NULL	
AGE	int	NO		NULL	
ADDRESS	char(25)	YES		NULL	
SALARY	decimal(18,2)	YES		NULL	

7) MYSQL Query to Insert into Table?
Query:INSERT INTO CUSTOMERS VALUES (1, 'Vedant', 21, 'Navi Mumbai', 20000.00);
OutPut:

✅   21 23:20:17 INSERT INTO CUSTOMERS VALUES (1, 'Vedant', 21, 'Navi Mumbai', 20000.00)

8) MYSQL Query to Insert into Table and Display Table?
Query:select * from CUSTOMERS;
Output:

ID	NAME	AGE	ADDRESS	SALARY
1	Vedant	21	Navi Mumbai	20000.00
2	Shobha	45	Mumbai	15000.00
3	sanjay	55	Satara	20000.00
4	Raju	49	Mumbai	65000.00
5	Hritik	23	Bhopal	85000.00
6	Kamlesh	21	MP	45000.00
7	Payal	28	Pune	45000.00
8	Ruturaj	22	Pune	65000.00
9	Neel	14	Mumbai	35000.00
10	Nikita	25	Satara	45000.00
11	Amol	38	Thane	65000.00
12	Vishal	31	Thane	55000.00
NULL	NULL	NULL	NULL	NULL

9) MYSQL Query to add column DEPARTMENT?
Query:alter table CUSTOMERS add column DEPARTMENT varchar(30);
OutPut:

| | 33 23:22:43 alter table CUSTOMERS add column DEPARTMENT varchar(30) |

ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT
1	Vedant	21	Navi Mumbai	20000.00	NULL
2	Shobha	45	Mumbai	15000.00	NULL
3	sanjay	55	Satara	20000.00	NULL
4	Raju	49	Mumbai	65000.00	NULL
5	Hritik	23	Bhopal	85000.00	NULL
6	Kamlesh	21	MP	45000.00	NULL
7	Payal	28	Pune	45000.00	NULL
8	Ruturaj	22	Pune	65000.00	NULL
9	Neel	14	Mumbai	35000.00	NULL
10	Nikita	25	Satara	45000.00	NULL
11	Amol	38	Thane	65000.00	NULL
12	Vishal	31	Thane	55000.00	NULL
NULL	NULL	NULL	NULL	NULL	NULL

10) MYSQL Query to Insert values in DEPARTMENT column?
Query:update CUSTOMERS set DEPARTMENT='IT' where ID=1;
update CUSTOMERS set DEPARTMENT='Cashier' where ID=2;
Output:

ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT
1	Vedant	21	Navi Mumbai	20000.00	IT
2	Shobha	45	Mumbai	15000.00	Cashier
3	sanjay	55	Satara	20000.00	LIc
4	Raju	49	Mumbai	65000.00	Driver
5	Hritik	23	Bhopal	85000.00	Lawer
6	Kamlesh	21	MP	45000.00	IT
7	Payal	28	Pune	45000.00	NULL
8	Ruturaj	22	Pune	65000.00	NULL
9	Neel	14	Mumbai	35000.00	NULL
10	Nikita	25	Satara	45000.00	NULL
11	Amol	38	Thane	65000.00	NULL
12	Vishal	31	Thane	55000.00	NULL
NULL	NULL	NULL	NULL	NULL	NULL

11) MYSQL Query to Rename CUSTOMERS rename column DEPARTMENT to DEPARTMENT_WORK?

Query:alter table CUSTOMERS rename column DEPARTMENT to DEPARTMENT_WORK;

Output:

	142	23:39:25	alter table CUSTOMERS rename column DEPARTMENT to DEPARTMENT_WORK

	ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT_WORK
▶	1	Vedant	21	Navi Mumbai	20000.00	IT
	2	Shobha	45	Mumbai	15000.00	Cashier
	3	sanjay	55	Satara	20000.00	LIc
	4	Raju	49	Mumbai	65000.00	Driver
	5	Hritik	23	Bhopal	85000.00	Lawer
	6	Kamlesh	21	MP	45000.00	IT
	7	Payal	28	Pune	45000.00	NULL
	8	Ruturaj	22	Pune	65000.00	NULL
	9	Neel	14	Mumbai	35000.00	NULL
	10	Nikita	25	Satara	45000.00	NULL
	11	Amol	38	Thane	65000.00	NULL
	12	Vishal	31	Thane	55000.00	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL

12) MYSQL Query to Create Table Something?

Query:create table Something (id int not null unique, first_name varchar(25), last_name varchar(25), Age int, salary int);

Output:

	144	23:50:14	create table Something (id int not null unique, first_name varchar(25), last_name varchar(25), Age int, salary int)

13) MYSQL Query to Insert Value in Table Something?
Query:
 insert into Something values (1,
'Shreya','Kamble',20,25000),(2,'Rupali','Kale',null,20000),(3,'Jyoti','Pagra',24,null);
insert into Something values (4, 'Yogesh','Pagara',45,30000);
insert into Something values (5, 'Rajesh','Poojary',45,35000);
insert into Something values (6, 'Ramesh','Poojary',45,45000);
insert into Something values (7, 'Mangesh','Kadam',35,55000);
insert into Something values (8, 'Ankeet','Kadam',46,50000);
insert into Something values (9, 'Nayan','Kale',36,35000);
insert into Something values (10, 'Yogesh','Pagara',null,null);
insert into Something values (11, 'Jaspreet','Saine',null,null);
Output:

id	first_name	last_name	Age	salary
1	Shreya	Kamble	20	25000
2	Rupali	Kale	NULL	20000
3	Jyoti	Pagra	24	NULL
4	Yogesh	Pagara	45	30000
5	Rajesh	Poojary	45	35000
6	Ramesh	Poojary	45	45000
7	Mangesh	Kadam	35	55000
8	Ankeet	Kadam	46	50000
9	Nayan	Kale	36	35000
10	Yogesh	Pagara	NULL	NULL
11	Jaspreet	Saine	NULL	NULL
NULL	NULL	NULL	NULL	NULL

13) MYSQL Query to see values in null?
Query:select * from Something where Age is null;
Output:

id	first_name	last_name	Age	salary
2	Rupali	Kale	NULL	20000
10	Yogesh	Pagara	NULL	NULL
11	Jaspreet	Saine	NULL	NULL
NULL	NULL	NULL	NULL	NULL

14) MYSQL Query to salary is not null?
Query:select* from Something where salary is not null;
Output:

id	first_name	last_name	Age	salary
1	Shreya	Kamble	20	25000
2	Rupali	Kale	NULL	20000
4	Yogesh	Pagara	45	30000
5	Rajesh	Poojary	45	35000
6	Ramesh	Poojary	45	45000
7	Mangesh	Kadam	35	55000
8	Ankeet	Kadam	46	50000
9	Nayan	Kale	36	35000
NULL	NULL	NULL	NULL	NULL

15)MYSQL Query to limit 0,2?
Query: select* from Something limit 0,2;
Output:

id	first_name	last_name	Age	salary
1	Shreya	Kamble	20	25000
2	Rupali	Kale	NULL	20000
NULL	NULL	NULL	NULL	NULL

16) MYSQL Query to limit 1,1?
Query:select* from Something limit 1,1;
Output:

id	first_name	last_name	Age	salary
2	Rupali	Kale	NULL	20000
NULL	NULL	NULL	NULL	NULL

17)MYSQL Query to limit 3?
Query:select* from Something limit 3;
Output:

id	first_name	last_name	Age	salary
1	Shreya	Kamble	20	25000
2	Rupali	Kale	NULL	20000
3	Jyoti	Pagra	24	NULL
NULL	NULL	NULL	NULL	NULL

18) MYSQL Query to Order by salary?
Query: select* from Something order by salary ;
Output:

id	first_name	last_name	Age	salary
3	Jyoti	Pagra	24	NULL
10	Yogesh	Pagara	NULL	NULL
11	Jaspreet	Saine	NULL	NULL
2	Rupali	Kale	NULL	20000
1	Shreya	Kamble	20	25000
4	Yogesh	Pagara	45	30000
5	Rajesh	Poojary	45	35000
9	Nayan	Kale	36	35000
6	Ramesh	Poojary	45	45000
8	Ankeet	Kadam	46	50000
7	Mangesh	Kadam	35	55000
NULL	NULL	NULL	NULL	NULL

19) MYSQL Query to First Name Upper Case?
Query:select upper(first_name) as uppercaseempName from Something;
Output:

uppercaseempName
SHREYA
RUPALI
JYOTI
YOGESH
RAJESH
RAMESH
MANGESH
ANKEET
NAYAN
YOGESH
JASPREET

20) MYSQL Query to First Name Lower Case?
Query:select lower(first_name) as uppercaseempName from Something;
Output:

uppercaseempName
shreya
rupali
jyoti
yogesh
rajesh
ramesh
mangesh
ankeet
nayan
yogesh
jaspreet

Name: Vedant Sanjay Kamble   Batch No: 307

21) MYSQL Query to Last Name Length?
Query:select length(last_name) from Something;
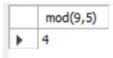Output:

length(last_name)
6
4
5
6
7
7
5
5
4
6
5

22) MYSQL Query to Absolute Value Of Given Number?
Query:select abs(-6);
Output:

abs(-6)
6

23) MYSQL Query to Mod Value Of Given Number?
Query:select mod(9,5);
Output:

mod(9,5)
4

24) MYSQL Query to Floor Value Of Given Number?
Query:select floor(25.75);
Output:

floor(25.75)
25

25) MYSQL Query to Ceiling Value Of Given Number?
Query:select ceiling(25.02);
Output:

ceiling(25.02)
26

26) MYSQL Query to Truncate Value Of Given Number?
Query:select truncate(123.321,2);
Output:

truncate(123.321,2)
▶ 123.32

27) MYSQL Query to Exp Value Of Given Number?
Query:select exp(2);
Output:

exp(2)
▶ 7.38905609893065

28) MYSQL Query to Power Value Of Given Number?
Query:select power(4,2);
Output:

power(4,2)
▶ 16

29) MYSQL Query to Sqrt Value Of Given Number?
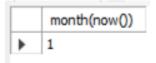Query:select sqrt(16);
Output:

sqrt(16)
▶ 4

30) MYSQL Query to CurDater?
Query:select curdate();
Output:

curdate()
▶ 2024-01-29

31) MYSQL Query to Latest Month?
Query:select month(now());
Output:

month(now())
▶ 1

32) MYSQL Query to Date Format?
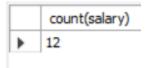Query:select date_format(now(),'%b %d %Y %h:%i %p');
Output:

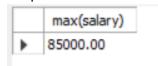| date_format(now(),'%b %d %Y %h:%i %p') |
|---|
| Jan 29 2024 01:15 AM |

33) MYSQL Query to Count Salary Of CUSTOMERS Table?
Query:select count(salary) from CUSTOMERS;
Output:

count(salary)
12

34) MYSQL Query to Max Salary Of CUSTOMERS Table?
Query:select max(salary) from CUSTOMERS;
Output:

max(salary)
85000.00

35) MYSQL Query to Min Age Of CUSTOMERS Table?
Query:select min(age) from CUSTOMERS;
Output:

min(age)
14

36) MYSQL Query to Sum Salary Of CUSTOMERS Table?
Query:select sum(salary) from CUSTOMERS;
Output:

sum(salary)
560000.00

37) MYSQL Query to Inner Join Of CUSTOMERS Table ID and Something ID?
Query:select * from CUSTOMERS inner join Something on CUSTOMERS.ID = Something.ID;
Output:

ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT_WORK	id	first_name	last_name	Age	salary
1	Vedant	21	Navi Mumbai	20000.00	IT	1	Shreya	Kamble	20	25000
2	Shobha	45	Mumbai	15000.00	Cashier	2	Rupali	Kale	NULL	20000
3	sanjay	55	Satara	20000.00	LIc	3	Jyoti	Pagra	24	NULL
4	Raju	49	Mumbai	65000.00	Driver	4	Yogesh	Pagara	45	30000
5	Hritik	23	Bhopal	85000.00	Lawer	5	Rajesh	Poojary	45	35000
6	Kamlesh	21	MP	45000.00	IT	6	Ramesh	Poojary	45	45000
7	Payal	28	Pune	45000.00	NULL	7	Mangesh	Kadam	35	55000
8	Ruturaj	22	Pune	65000.00	NULL	8	Ankeet	Kadam	46	50000
9	Neel	14	Mumbai	35000.00	NULL	9	Nayan	Kale	36	35000
10	Nikita	25	Satara	45000.00	NULL	10	Yogesh	Pagara	NULL	NULL
11	Amol	38	Thane	65000.00	NULL	11	Jaspreet	Saine	NULL	NULL

37) MYSQL Query to Left Join Of CUSTOMERS Table ID and Something ID?
Query:select * from CUSTOMERS left join Something on CUSTOMERS.ID = Something.ID;
Output:

ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT_WORK	id	first_name	last_name	Age	salary
1	Vedant	21	Navi Mumbai	20000.00	IT	1	Shreya	Kamble	20	25000
2	Shobha	45	Mumbai	15000.00	Cashier	2	Rupali	Kale	NULL	20000
3	sanjay	55	Satara	20000.00	LIc	3	Jyoti	Pagra	24	NULL
4	Raju	49	Mumbai	65000.00	Driver	4	Yogesh	Pagara	45	30000
5	Hritik	23	Bhopal	85000.00	Lawer	5	Rajesh	Poojary	45	35000
6	Kamlesh	21	MP	45000.00	IT	6	Ramesh	Poojary	45	45000
7	Payal	28	Pune	45000.00	NULL	7	Mangesh	Kadam	35	55000
8	Ruturaj	22	Pune	65000.00	NULL	8	Ankeet	Kadam	46	50000
9	Neel	14	Mumbai	35000.00	NULL	9	Nayan	Kale	36	35000
10	Nikita	25	Satara	45000.00	NULL	10	Yogesh	Pagara	NULL	NULL
11	Amol	38	Thane	65000.00	NULL	11	Jaspreet	Saine	NULL	NULL
12	Vishal	31	Thane	55000.00	NULL	NULL	NULL	NULL	NULL	NULL

38) MYSQL Query to Right Join Of CUSTOMERS Table ID and Something ID?
Query:select * from CUSTOMERS right join Something on CUSTOMERS.ID = Something.ID;
Output:

ID	NAME	AGE	ADDRESS	SALARY	DEPARTMENT_WORK	id	first_name	last_name	Age	salary
1	Vedant	21	Navi Mumbai	20000.00	IT	1	Shreya	Kamble	20	25000
2	Shobha	45	Mumbai	15000.00	Cashier	2	Rupali	Kale	NULL	20000
3	sanjay	55	Satara	20000.00	LIc	3	Jyoti	Pagra	24	NULL
4	Raju	49	Mumbai	65000.00	Driver	4	Yogesh	Pagara	45	30000
5	Hritik	23	Bhopal	85000.00	Lawer	5	Rajesh	Poojary	45	35000
6	Kamlesh	21	MP	45000.00	IT	6	Ramesh	Poojary	45	45000
7	Payal	28	Pune	45000.00	NULL	7	Mangesh	Kadam	35	55000
8	Ruturaj	22	Pune	65000.00	NULL	8	Ankeet	Kadam	46	50000
9	Neel	14	Mumbai	35000.00	NULL	9	Nayan	Kale	36	35000
10	Nikita	25	Satara	45000.00	NULL	10	Yogesh	Pagara	NULL	NULL
11	Amol	38	Thane	65000.00	NULL	11	Jaspreet	Saine	NULL	NULL

39) MYSQL Query to Cross Join Of CUSTOMERS Table ID and Something ID?
Query:select Something.Age,CUSTOMERS.name,CUSTOMERS.Salary From CUSTOMERS
cross join Something;
Output:

Age	name	Salary
NULL	Vedant	20000.00
NULL	Vedant	20000.00
36	Vedant	20000.00
46	Vedant	20000.00
35	Vedant	20000.00
45	Vedant	20000.00
45	Vedant	20000.00
45	Vedant	20000.00
24	Vedant	20000.00
NULL	Vedant	20000.00
20	Vedant	20000.00
NULL	Shobha	15000.00
NULL	Shobha	15000.00
36	Shobha	15000.00
46	Shobha	15000.00
35	Shobha	15000.00

MYSQL Project
Name: Vedant Sanjay Kamble   Batch No: 307