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ASSIGNMENT

Q. Create below table EMPLOYEE and write query for them.

1. add employee (id, name, department, salary)
2. Show employees
3. Update employee salary
4. Update employee department
5. Delete a employee
6. Sort by salary
7. Filter it for mumbai location

ID	NAME	DEPARTMENT	SALARY	LOCATION
1	Jay	HR	5000	Mumbai
2	Yash	Management	7000	Pune
3	Annand	Training	6000	Chennai
4	Ruhi	Sales	4000	Delhi
5	Pratik	Admin	3000	Pune
6	Raj	Training	5000	Mumbai

Ans:

(1)

The screenshot shows a database management tool interface. The top toolbar includes icons for file operations, search, and execution. The main window displays SQL queries in a text editor, numbered 1 through 17. The queries are as follows:

```
1 • use emp;
2 • create table employee(
3   id int primary key,
4   name varchar(20) not null,
5   dept varchar(20) not null,
6   salary float not null,
7   location varchar(20));
8
9 • insert into employee values
10 (1,'Jay','HR',5000,'Mumbai'),
11 (2,'Yash','Management',7000,'Pune'),
12 (3,'Annand','Training',6000,'Chennai'),
13 (4,'Ruhi','Sales',4000,'Delhi'),
14 (5,'Pratik','Admin',3000,'Pune'),
15 (6,'Raj','Training',5000,'Mumbai');
16
17 • select * from employee;
```

Below the queries, the 'Result Grid' shows the output of the last query. It includes a 'Filter Rows' input field and buttons for 'Edit', 'Export/Import', and 'Wrap'. The result grid displays the following data:

	id	name	dept	salary	location
▶	1	Jay	HR	5000	Mumbai
	2	Yash	Management	7000	Pune
	3	Annand	Training	6000	Chennai
	4	Ruhi	Sales	4000	Delhi
	5	Pratik	Admin	3000	Pune
	6	Raj	Training	5000	Mumbai

At the bottom, there is a tab labeled 'employee 2' and an 'Output' section.

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(2)

```
18 • select * from employee;  
19  
20 • select id, name as employees_list from employee;  
21  
22
```

Result Grid

	id	employees_list
▶	1	Jay
	2	Yash
	3	Annand
	4	Ruhi
	5	Pratik
	6	Raj
*	NULL	NULL

employee 3 ×

Output

Action Output

Time Action

29 06:16:12 select * from employee LIMIT 0, 10000

(3)

```
20 • select id, name as employees_list from employee;  
21  
22 • update employee set salary = 4500 where id = 4;  
23
```

Result Grid

	id	name	dept	salary	location
▶	1	Jay	HR	5000	Mumbai
	2	Yash	Management	7000	Pune
	3	Annand	Training	6000	Chennai
	4	Ruhi	Sales	4500	Delhi
	5	Pratik	Admin	3000	Pune
	6	Raj	Training	5000	Mumbai
*	NULL	NULL	NULL	NULL	NULL

employee 4 ×

Output

Action Output

Time Action Message

41 07:01:23 update employee set salary = 4500 where id = 4 1 row(s) affected

(4)

```
23 • update employee set dept = 'Management' where id = 5;  
24
```

Result Grid

	id	name	dept	salary	location
▶	1	Jay	HR	5000	Mumbai
	2	Yash	Management	7000	Pune
	3	Annand	Training	6000	Chennai
	4	Ruhi	Sales	4500	Delhi
	5	Pratik	Management	3000	Pune
	6	Raj	Training	5000	Mumbai
*	NULL	NULL	NULL	NULL	NULL

employee 5 ×

Output

Action Output

Time Action Message

43 07:07:25 update employee set dept = 'Management' where id = 5 1 row(s) affected

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(5)

```
24 • delete from employee where id = 5;
```

Result Grid

	id	name	dept	salary	location
▶	1	Jay	HR	5000	Mumbai
	2	Yash	Management	7000	Pune
	3	Annand	Training	6000	Chennai
	4	Ruhi	Sales	4500	Delhi
	6	Raj	Training	5000	Mumbai
*	NULL	NULL	NULL	NULL	NULL

employee 6 ×

Output

Action Output

#	Time	Action
---	------	--------

(6)

```
5 • select * from employee order by salary;
```

Result Grid

	id	name	dept	salary	location
	4	Ruhi	Sales	4500	Delhi
	1	Jay	HR	5000	Mumbai
	6	Raj	Training	5000	Mumbai
	3	Annand	Training	6000	Chennai
	2	Yash	Management	7000	Pune
	NULL	NULL	NULL	NULL	NULL

employee 8 ×

Output

(7)

```
26 • select * from employee where location = 'Mumbai';
```

Result Grid

	id	name	dept	salary	location
▶	1	Jay	HR	5000	Mumbai
	6	Raj	Training	5000	Mumbai
*	NULL	NULL	NULL	NULL	NULL

employee 9 ×

Output

Action Output

#	Time	Action
40	07:17:05	select * from employee order by salary LIMIT 0, 1000

use emp;

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```
create table employee(  
id int primary key,  
name varchar (20) not null,  
dept varchar(20) not null,  
salary float not null,  
location varchar(20));  
drop table employee;
```

```
insert into employee values  
(1,'Jay','HR',5000,'Mumbai'),  
(2,'Yash','Management',7000,'Pune'),  
(3,'Annand','Training',6000,'Chennai'),  
(4,'Ruhi','Sales',4000,'Delhi'),  
(5,'Pratik','Admin',3000,'Pune'),  
(6,'Raj','Training',5000,'Mumbai');
```

```
select * from employee;
```

```
select id, name as employees_list from employee;  
update employee set salary = 4500 where id = 4;  
update employee set dept = 'Management' where id = 5;  
delete from employee where id = 5;  
select * from employee order by salary;  
select * from employee where location = 'Mumbai';
```