* **Create Employee table, Project table and add rows shown below**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Eid** | **EName** | **Address** | **Salary** | **Commision** |
| **1** | Amit | Pune | 35000 | 5000 |
| **2** | Sneha | Pune | 25000 |  |
| **3** | Savita | Nasik | 28000 | 2000 |
| **4** | Pooja | Mumbai | 19000 |  |
| **5** | Sagar | Mumbai | 25000 | 3000 |
| **6** | Rohit | Jaipur | 40000 |  |
| **7** | Poonam | Patana | 45000 | 2000 |
| **8** | Arjun | Delhi | 20000 | 900 |
| **9** | Rahul | Nagpur | 60000 | 5000 |
| **10** | Dulquer | Kochi | 30000 | 1000 |

|  |  |
| --- | --- |
| **PrNo** | **Addr** |
| 10 | Mumbai |
| 20 | Pune |
| 30 | Jalgoan |
| 40 | Nagpur |
| 50 | Delhi |
| 60 | Kochi |
| 70 | Pune |
| 80 | Nasik |

* **Execute the following queries in MySQL:**

1. Find different locations from where employees belong to?

select distinct address from employee;

+---------+

| address |

+---------+

| pune |

| nasik |

| mumbai |

| jaipur |

| patana |

| delhi |

| nagpur |

| kochi |

+---------+

1. What are maximum ,minimum salary, average salary and sum of all salaries?

select min(salary) from employee;

+-------------+

| min(salary) |

+-------------+

| 19000 |

+-------------+

+-------------+

| max(salary) |

+-------------+

| 60000 |

+-------------+

select avg(salary) from employee;

+-------------+

| avg(salary) |

+-------------+

| 32100.0000 |

+-------------+

select sum(salary) from employee;

+-------------+

| sum(salary) |

+-------------+

| 321000 |

+-------------+

1. Display the content of employee table according to the ascending order of salary amount.

select \* from employee order by salary;

+------+---------+---------+--------+-----------+

| e\_id | e\_name | address | salary | commision |

+------+---------+---------+--------+-----------+

| 4 | pooja | mumbai | 19000 | NULL |

| 5 | sagar | mumbai | 19000 | 3000 |

| 8 | arjun | delhi | 20000 | 900 |

| 2 | sneha | pune | 25000 | NULL |

| 3 | savita | nasik | 28000 | 2000 |

| 10 | dulquer | kochi | 30000 | 1000 |

| 1 | amit | pune | 35000 | 5000 |

| 6 | rohit | jaipur | 40000 | NULL |

| 7 | poonam | patana | 45000 | 2000 |

| 9 | rahul | nagpur | 60000 | 5000 |

+------+---------+---------+--------+-----------+

1. Find the name of employee who lived in Nasik or Pune city.

select e\_name from employee where address = 'nasik' or address = 'pune';

+--------+

| e\_name |

+--------+

| amit |

| sneha |

| savita |

+--------+

1. Find the name of employees who does not get commission.

select e\_name from employee where commision is NULL;

+--------+

| e\_name |

+--------+

| sneha |

| pooja |

| rohit |

+--------+

1. Change the city of Amit to Nashik.

update employee set address='nasik' where e\_name='amit';

select \* from employee;

+------+---------+---------+--------+-----------+

| e\_id | e\_name | address | salary | commision |

+------+---------+---------+--------+-----------+

| 1 | amit | nasik | 35000 | 5000 |

| 2 | sneha | pune | 25000 | NULL |

| 3 | savita | nasik | 28000 | 2000 |

| 4 | pooja | mumbai | 19000 | NULL |

| 5 | sagar | mumbai | 19000 | 3000 |

| 6 | rohit | jaipur | 40000 | NULL |

| 7 | poonam | patana | 45000 | 2000 |

| 8 | arjun | delhi | 20000 | 900 |

| 9 | rahul | nagpur | 60000 | 5000 |

| 10 | dulquer | kochi | 30000 | 1000 |

+------+---------+---------+--------+-----------+

1. Find the information of employees whose name starts with ‘A’.

select \* from employee where e\_name like 'a%';

+------+--------+---------+--------+-----------+

| e\_id | e\_name | address | salary | commision |

+------+--------+---------+--------+-----------+

| 1 | amit | nasik | 35000 | 5000 |

| 8 | arjun | delhi | 20000 | 900 |

+------+--------+---------+--------+-----------+

1. Find the count of staff from Mumbai.

select count(address) from employee where address='mumbai';

+----------------+

| count(address) |

+----------------+

| 2 |

+----------------+

1. Find the count of staff from each city

select count(address) from employee group by address;

+----------------+

| count(address) |

+----------------+

| 1 |

| 1 |

| 1 |

| 2 |

| 1 |

| 2 |

| 1 |

| 1 |

+----------------+

1. Find the address from where employees are belonging as well as where projects are going on.

select distinct address from employee , project where address=addr;

+---------+

| address |

+---------+

| nasik |

| pune |

| mumbai |

| delhi |

| nagpur |

| kochi |

+---------+

1. Find city wise minimum salary.

select min(salary) from employee group by address;

+-------------+

| min(salary) |

+-------------+

| 20000 |

| 40000 |

| 30000 |

| 19000 |

| 60000 |

| 28000 |

| 45000 |

| 25000 |

+-------------+

1. Find city wise maximum salary having maximum salary greater than 26000

select max(salary) from employee where salary >26000 group by address;

+-------------+

| max(salary) |

+-------------+

| 40000 |

| 30000 |

| 60000 |

| 35000 |

| 45000 |

+-------------+

1. Delete the employee who is having salary greater than 30,000.

delete from employee where salary > 30000;

select \* from employee;

+------+---------+---------+--------+-----------+

| e\_id | e\_name | address | salary | commision |

+------+---------+---------+--------+-----------+

| 2 | sneha | pune | 25000 | NULL |

| 3 | savita | nasik | 28000 | 2000 |

| 4 | pooja | mumbai | 19000 | NULL |

| 5 | sagar | mumbai | 19000 | 3000 |

| 8 | arjun | delhi | 20000 | 900 |

| 10 | dulquer | kochi | 30000 | 1000 |

+------+---------+---------+--------+-----------+

1. Delete the information of employees whose name starts with‘s’.

delete from employee where e\_name like 's%';

select \* from employee;

+------+---------+---------+--------+-----------+

| e\_id | e\_name | address | salary | commision |

+------+---------+---------+--------+-----------+

| 4 | pooja | mumbai | 19000 | NULL |

| 8 | arjun | delhi | 20000 | 900 |

| 10 | dulquer | kochi | 30000 | 1000 |

+------+---------+---------+--------+-----------+

1. Display all the employee from Pune alphabetically.

select \* from employee where address='pune' order by e\_name;

Empty set (0.00 sec)