**mySQL Practice Questions:**

**Format:Programming**

**Instructions:Datasets given with records:**

<https://codeshare.io/78Wd6b>

<https://codeshare.io/PdxDMM>

<https://codeshare.io/pqZMP9>

**Exercises:**

1.Select employees first name, last name, job\_id and salary whose first name starts with alphabet S

SELECT first\_name, last\_name, job\_id, salary

FROM employees

WHERE first\_name LIKE 'S%';

2. Write a query to select employee with the highest salary

SELECT \*

FROM employees

WHERE salary = (SELECT MAX(salary) FROM employees);

3. Select employee with the second highest salary

SELECT \* FROM employees WHERE salary = (SELECT MAX(salary) FROM employees WHERE salary < (SELECT MAX(salary) FROM employees));

4. Fetch employees with 2nd or 3rd highest salary

SELECT \*

FROM (

SELECT \*, RANK() OVER (ORDER BY salary DESC) AS salary\_rank

FROM employees

) AS ranked\_employees

WHERE salary\_rank IN (2, 3);

5. Write a query to select employees and their corresponding managers and their salaries

6. Write a query to show count of employees under each manager in descending order

7. Find the count of employees in each department

8. Get the count of employees hired year wise

9. Find the salary range of employees

10. Write a query to divide people into three groups based on their salaries

11. Select the employees whose first\_name contains “an”

12. Select employee first name and the corresponding phone number in the format (\_ \_ \_)-(\_ \_ \_)-(\_ \_ \_ \_)

13. Find the employees who joined in August, 1994.

14. Write an SQL query to display employees who earn more than the average salary in that company

15. Find the maximum salary from each department.

16. Write a SQL query to display the 5 least earning employees

17. Find the employees hired in the 80s

18. Display the employees first name and the name in reverse order

19. Find the employees who joined the company after 15th of the month

20. Display the managers and the reporting employees who work in different departments