

Activity 01:

Display the highest, lowest, sum, and average salary of all employees. Label the columns Maximum, Minimum, Sum, and Average, respectively. Round your results to the nearest whole number.

```
SELECT
    ROUND(MAX(salary),0) "Maximum",
    ROUND(MIN(salary),0) "Minimum",
    ROUND(SUM(salary),0) "Sum",
    ROUND(AVG(salary),0) "Average"
FROM employees
```

Activity 02:

display the minimum, maximum, sum, and average salary for each job type

```
SELECT job_id,
    ROUND(MAX(salary),0) "Maximum",
    ROUND(MIN(salary),0) "Minimum",
    ROUND(SUM(salary),0) "Sum",
    ROUND(AVG(salary),0) "Average"
FROM employees
GROUP BY job_id
```

Activity 03:

Write a query to display the number of people with the same job.

```
SELECT job_id, COUNT(*)
FROM employees
GROUP BY job_id
```

Activity 04:

Display the manager number and the salary of the lowest paid employee for that manager. Exclude anyone whose manager is not known. Exclude any groups where the minimum salary is \$6,000 or less. Sort the output in descending order of salary.

```
SELECT manager_id, MIN(salary)
FROM employees
WHERE manager_id IS NOT NULL
GROUP BY manager_id HAVING MIN(salary) > 6000
ORDER BY MIN(salary) DESC
```

Activity 05:

Write a query to display each department's name, location, number of employees, and the average salary for all employees in that department. Label the columns Name, Location, Number of People, and Salary, respectively. Round the average salary to two decimal places.

```
SELECT
d.department_name "Name", d.location_id "Location ",
COUNT(*) "Number of People",
ROUND(AVG(salary),2) "Salary"
FROM employees e, departments d
WHERE e.department_id = d.department_id
GROUP BY d.department_name, d.location_id
```