SQL HOME WORS:

1. What is the average salary of employees in the Parks and Recreation department?  
   ans:  
   SELECT AVG(salary) AS average\_salary

FROM employee\_salary WHERE department\_id = 1

2.Who has the highest salary in the Parks and Recreation department?  
 ans:  
 SELECT first\_name, last\_name, salary

FROM employees\_salary WHERE department\_id = 1 ORDER BY salary DESC LIMIT 1;  
3. List all employees with a salary greater than $50,000.?

Ans:

SELECT first\_name, last\_name, salary

FROM employees\_salary

WHERE salary > 50000;

4. How many employees are there in the Parks and Recreation department?  
ans:

SELECT COUNT(\*) AS employee\_count

FROM employees\_salary

WHERE department\_id = 1;

5. What are the names and positions of employees who do not have a specified department (department\_id is NULL)?  
ans:

SELECT first\_name, last\_name, position

FROM employees\_salary

WHERE department\_id IS NULL;

6. Find all employees with the title "Manager" or "Director."?

Ans:

SELECT first\_name, last\_name, position

FROM employees\_salary

WHERE occupition LIKE '%Manager%' OR occupition LIKE '%Director%';

7. What is the total salary expenditure for the entire organization?

Ans:

SELECT SUM(salary) AS total\_expenditure

FROM employees\_salary;

8. List employees sorted by salary in descending order.?

Ans:

SELECT first\_name, last\_name, salary

FROM employees\_salary

ORDER BY salary DESC;

9. What is the salary range (minimum and maximum) for the Parks and Recreation department?

Ans:

SELECT MIN(salary) AS min\_salary, MAX(salary) AS max\_salary

FROM employees\_salary

WHERE department\_id = 1;

10. Count how many employees have a salary less than $30,000?

Ans:  
 SELECT COUNT(\*) AS low\_salary\_count

FROM employees\_salary

WHERE salary < 30000;