1/

. SELECT LastName FROM Employees;

2/

. SELECT DISTINCT LastName FROM Employees;

3/

. SELECT \* FROM Employees WHERE LastName = 'Smith';

4/

. SELECT \* FROM Employees

WHERE LastName = 'Smith' OR LastName = 'Doe';

5/

. SELECT \* FROM Employees WHERE Department = 14;

6/

. SELECT \* FROM Employees

WHERE Department = 37 OR Department = 77;

7/

. SELECT \* FROM Employees

WHERE LastName LIKE 'S%';

8/

. SELECT SUM(Budget) FROM Departments;

9/

. SELECT Department, COUNT(\*) FROM Employees GROUP BY Department;

10/

. SELECT SSN, E.Name AS Name\_E, LastName, D.Name AS Name\_D, Department, Code, Budget

FROM Employees E INNER JOIN Departments D

ON E.Department = D.Code;

11/

. SELECT Employees.Name, LastName, Departments.Name AS DepartmentsName, Budget

FROM Employees INNER JOIN Departments

ON Employees.Department = Departments.Code;

12/

. SELECT Name, LastName FROM Employees

WHERE Department IN

(SELECT Code FROM Departments WHERE Budget > 60000);

13/

. SELECT \*

FROM Departments

WHERE Budget >

(

SELECT AVG(Budget)

FROM Departments

);

14/

. SELECT Name FROM Departments

WHERE Code IN

(

SELECT Department

FROM Employees

GROUP BY Department

HAVING COUNT(\*) > 2

);

15/

. SELECT e.Name, e.LastName

FROM Employees e

WHERE e.Department = (

SELECT sub.Code

FROM (SELECT \* FROM Departments d ORDER BY d.budget LIMIT 2) sub

ORDER BY budget DESC LIMIT 1);

16/

. INSERT INTO Departments

VALUES ( 11 , 'Quality Assurance' , 40000);

INSERT INTO Employees

VALUES ( '847219811' , 'Mary' , 'Moore' , 11);

17/

. UPDATE Departments SET Budget = Budget \* 0.9;

18/

. UPDATE Employees SET Department = 14 WHERE Department = 77;

19/

. DELETE FROM Employees

WHERE Department = 14;

20/

. DELETE FROM Employees

WHERE Department IN

(

SELECT Code FROM Departments

WHERE Budget >= 60000

);

21/

. DELETE FROM Employees;