Join Queries

The following relations will be used in this section of queries
Employees (EMPLOYEE_ID | FIRST_NAME | LAST_NAME | EMAIL | PHONE_NUMBER | HIRE_DATE | JOB_ID | SALARY | COMMISSION_PCT | MANAGER_ID | DEPARTMENT_ID)

Departments (DEPARTMENT_ID | DEPARTMENT_NAME | MANAGER_ID | LOCATION_ID)

Locations (location_id | street_address | postal_code city | state_province | country_id)

Countries (country_id | country_name | region_id)

Job_history (employee_id | start_date | end_date | job_id | department_id)

1. Write a query to find the addresses (location_id, street_address, city, state_province, country_name) of all the departments.
   Hint : Use NATURAL JOIN.
2. Write a query to make a join with employees and departments table to find the name of the employee, including first_name and last name, department ID and name of departments.
3. Write a SQL query to make a join with three tables employees, departments and locations to find the name, including first_name and last_name, jobs, department name and ID, of the employees working in London.
4. Write a query to make a join with two tables employees and itself to find the employee id, last_name as Employee along with their manager_id and last name as Manager.
5. Write a query to make a join with a table employees and itself to find the name, including first_name and last_name and hire date for those employees who were hired after the employee Jones.
6. Write a query to make a join with two tables employees and departments to get the department name and number of employees working in each department.

7. Write a query to make a join to find the employee ID, job title and number of days an employee worked, for all the employees who worked in a department which ID is 90.
8. Write a query to make a join with two tables employees and departments to display the department ID, department name and the first name of the manager.
9. Write a query to make a join with three tables departments, employees, and locations to display the department name, manager name, and city.
10. Write a query to make a join with two tables employees and jobs to display the job title and average salary of employees
11. Write a query to make a join with two tables employees and jobs to display the job title, employee name, and the difference between salary and the minimum salary of the employees.
12. Write a query to make a join with two tables job_history and employees to display the status of employees who is currently drawing the salary above 10000.
13. Write a query to make a join with two tables employees and departments to display department name, first_name and last_name, hire date and salary for all the managers who achieved a working experience is more than 15 years.