EXERCISE 2

Date: 26/02/2024

1. Write a query to display all the countries.

2. Write a query to display specific columns like email and phone number for all the employees.

3. Write a query to display the data of employee whose last name is "Fay".

4. Write a query to find the hire date for employees whose last name is "Grant" or "Whalen".

5. Write a query to display name of the employee who is shipping clerk.

6. Write a query to get all the employees who work for department 8.

7. Write a query to display the departments in the descending order.

8. Write a query to display all the employees whose last name starts with "K".

9. Display name of the employees whose hire dates are between 1995 and 1997.

10. Write a query to display jobs where the maximum salary is less than 5000.

11. Write a query to display email address in lower case.

12. Write a query to display name of the employees who were hired in 1995.

13. Write a query to insert an employee "Paul Newton" in department 11.

14. Write a query to delete the shipping department.

1)

#	country_name
1	Argentina
2	Australia
3	Belgium
4	Brazil
5	Canada
6	Switzerland
7	China
8	Germany
9	Denmark
10	Egypt
11	France
12	HongKong
13	Israel
14	India
15	Italy
16	Japan

2)

#	email	phone_number
1	steven.king@sqltutorial.org	515.123.4567
2	neena.kochhar@sqltutorial.org	515.123.4568
3	lex.de haan@sqltutorial.org	515.123.4569
4	alexander.hunold@sqltutorial.org	590.423.4567
5	bruce.ernst@sqltutorial.org	590.423.4568
6	david.austin@sqltutorial.org	590.423.4569
7	valli.pataballa@sqltutorial.org	590.423.4560
8	diana.lorentz@sqltutorial.org	590.423.5567
9	nancy.greenberg@sqltutorial.org	515.124.4569
10	daniel.faviet@sqltutorial.org	515.124.4169
11	john.chen@sqltutorial.org	515.124.4269
12	ismael.sciarra@sqltutorial.org	515.124.4369
13	jose manuel.urman@sqltutorial…	515.124.4469
14	luis.popp@sqltutorial.org	515.124.4567
15	den.raphaely@sqltutorial.org	515.127.4561

3)

#	employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	manager_id	department_id	commission
1	202	Pat	Fay	pat.fay@sqltutorial.org	603.123.6666	1997-08-17	11	6000	201	2	NULL

SQL QUERIES: -

use company;

1) select country_name from countries;

2) select email, phone_number from employees;

3) select * from employees where last_name = "fay";

4) select hire_date from employees where last_name = "Grant" or last_name = "Whalen";

5) select first_name, last_name from employees where job_id = (select job_id from jobs where job_title = 'Shipping Clerk');

6) select first_name, last_name from employees where department_id = 8;

7) select department_name from dept order by department_name DESC;

8) select employee_id,first_name,last_name from employees where last_name like 'k%';

9) select employee_id,first_name,last_name from employees where hire_date between '1995-01-01' and '1997-12-31';

4)

hire_date
1999-05-24
1987-09-17

5)

#	first_name	last_name
1	Sarah	Bell
2	Britney	Everett

6)

#	first_name	last_name
1	John	Russell
2	Karen	Partners
3	Jonathon	Taylor
4	Jack	Livingston
5	Kimberely	Grant
6	Charles	Johnson

7)

#	department_name
1	Shipping
2	Sales
3	Purchasing
4	Public Relations
5	Marketing
6	IT
7	Human Resources
8	Finance
9	Executive
10	Administration
11	Accounting

8)

#	employee_id	first_name	last_name
1	100	Steven	King
2	101	Neena	Kochhar
3	115	Alexander	Khoo
4	122	Payam	Kaufling

10) select job_title from jobs where max_salary < 5000;

11) select lower(email) as emails from employees;

12) select first_name,last_name from employees where year(hire_date) = '1995';

13) insert into employees(employee_id,first_name,last_name,department_id)
values(207,'Paul','Newton',11);

14) delete from dept where department_name = 'Shipping';

9)

#	employee_id	first_name	last_name
1	105	David	Austin
2	110	John	Chen
3	111	Ismael	Sciarra
4	115	Alexander	Khoo
5	116	Shelli	Baida
6	117	Sigal	Tobias
7	120	Matthew	Weiss
8	121	Adam	Fripp
9	122	Payam	Kaufling
10	123	Shanta	Vollman

11)

#	emails
1	steven.king@sqltutorial.org
2	neena.kochhar@sqltutorial.org
3	lex.de haan@sqltutorial.org
4	alexander.hunold@sqltutorial.org
5	bruce.ernst@sqltutorial.org
6	david.austin@sqltutorial.org
7	valli.pataballa@sqltutorial.org
8	diana.lorentz@sqltutorial.org
9	nancy.greenberg@sqltutorial.org
10	daniel.faviet@sqltutorial.org

12)

#	first_name	last_name
1	Alexander	Khoo
2	Payam	Kaufling

13)

15:34:48	insert into employees(employee_id,first_name,last_name,depar...	1 row(s) affected

14)

15:51:51	delete from dept where department_name = 'Shipping'	1 row(s) affected

RESULT: -

Queries are executed and output is verified.