MySQL assessment questions

Task 1

1. Write a MySQL statement to create a table ‘countries’ including columns country_id, country_name and region_id and set country_id as the primary key.
2. Display the structure of the table.
3. Change the column name ‘country_id’ into ‘country_reference_id’.

Task 2

1. Create a new database ‘Employee_database’

2. Create a new table ‘departments’ in “Employee_database” with the following entries

Department_id	Department_name	Manager_id	Location_id
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700
40	Human Resources	203	2400
50	Shipping	121	1500
60	IT	103	1400
70	Public Relations	204	2700
80	Sales	145	2500
90	Executive	100	1700
100	Finance	205	1700

3. Write a query to display the department_name and department_id.

4. Write a query to find all the departments with department_id between 30 and 70

5. Select all the entries with location_id 1700.

Task 3

1. Create a table new_emp in the same database. Fill value in the employee_id column using auto_increment.

Employee_id	First_name	Last_name	Salary	Joining_date	Departement
1	Bob	Kinto	1000000	2019-01-20	Finance
2	Jerry	Kansxo	6000000	2019-01-15	IT
3	Philip	Jose	8900000	2019-02-05	Banking
4	John	Abraham	2000000	2019-02-25	Insurance
5	Michael	Mathew	2200000	2019-02-28	Finance
6	Alex	chreketo	4000000	2019-05-10	IT
7	Yohan	Soso	1230000	2019-06-20	Banking

2. Get all the employees in ascending order by their first name.
3. Get all the employees whose first name is either Bob or Alex.
4. Get all the employees whose last name contain the character ‘o’.
5. Get all the details of the employees whose first name ends with ‘n’.