1. Write a query that will return the location number, street address, city, state and country name of all the locations in the locations table.

	location_id	street_address	city	state_province	country_name
1	1000	1297 Via Cola di Rie	Roma	NULL	Italy
2	1100	93091 Calle della Testa	Venice	NULL	Italy
3	1200	2017 Shinjuku-ku	Tokyo	Tokyo Prefecture	Japan
4	1300	9450 Kamiya-cho	Hiros...	NULL	Japan

••••

23 row returned

2. Write a query that will display the surname, department number and department name of all the employees.

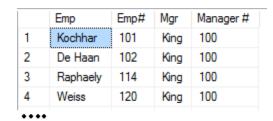|	last_name	department_id	department_name
1	King	90	Executive
2	Kochhar	90	Executive
3	De Haan	90	Executive
4	Hunold	60	IT

••••

106 rows returned

3. Write a query that will display the surname, job id, department number and department name of all the employees who work in Toronto

	last_name	job_id	department_id	department_name
1	Hartstein	MK_MAN	20	Marketing
2	Fay	MK_REP	20	Marketing

2 rows returned

4. Write a query that will display the employee's surname and number, along with their manager's number and manager number. Make sure to rename the columns as shown below.

	Emp	Emp#	Mgr	Manager #
1	Kochhar	101	King	100
2	De Haan	102	King	100
3	Raphaely	114	King	100
4	Weiss	120	King	100

• • • •

106 rows returned

5. Modify the previous question so that all the employees including King who has no manager is returned. Order your results using the employee's number

	Emp	Emp#	Mgr	Mgr#
1	King	100	NULL	NULL
2	Kochhar	101	King	100
3	De Haan	102	King	100
4	Hunold	103	De Haan	102

• • • •

107 rows returned

6. Write a query that will display the surnames of all the employees in the same department. You are to list the employee surname and his colleagues' surname, together with the department number for all the workers who work in the same department. You are to sort the results using the department number, then the employee surname and then the colleague' surname

	employee	colleague	department
1	Fay	Hartstein	20
2	Hartstein	Fay	20
3	Baida	Colmenares	30
4	Baida	Himuro	30

• • • •

3192 rows returned

7. Write a query that will display the name, job, department name, salary and grade of each employee. You should make use of the employees, departments and job_grades tables.

	last_name	job_id	department_name	salary	grade_level
1	Baida	PU_CLERK	Purchasing	2900.00	A
2	Tobias	PU_CLERK	Purchasing	2800.00	A
3	Himuro	PU_CLERK	Purchasing	2600.00	A
4	Colmenares	PU_CLERK	Purchasing	2500.00	A

••••

106 rows returned

8. Write a query that will display all the employees which were hired after King

	last_name	hire_date
1	Kochhar	1989-09-21 00:00:00.000
2	De Haan	1993-01-13 00:00:00.000
3	Hunold	1990-01-03 00:00:00.000
4	Ernst	1991-05-21 00:00:00.000

••••

194 rows returned

9. Write a query that shows all the employees who were hired before their managers. For this reason we would like to output the name of the employee, his hire date, the name of his manager and his respective hire date.

	last_name	hire_date	last_name	hire_date
1	Whalen	1987-09-17 00:00:00.000	Kochhar	1989-09-21 00:00:00.000
2	Hunold	1990-01-03 00:00:00.000	De Haan	1993-01-13 00:00:00.000
3	Faviet	1994-08-16 00:00:00.000	Greenberg	1994-08-17 00:00:00.000
4	Sarchand	1996-01-27 00:00:00.000	Fripp	1997-04-10 00:00:00.000

••••

30 rows returned