2)

Ans: SELECT last\_name, employees.department\_id,department\_name

-> FROM employees

-> JOIN departments

-> ON employees.department\_id=departments.department\_id;

3)

Ans: SELECT emp.last\_name "Employee", emp.employee\_id "Emp#", mgr.last\_name "Manager", mgr.employee\_Id "Mgr#"

-> FROM employees emp INNER JOIN employees mgr ON emp.manager\_id = mgr.employee\_Id;

4)

Ans: SELECT e.department\_id department, e.last\_name employee,

-> c.last\_name colleague

-> FROM employees e JOIN employees c

-> ON (e.department\_id = c.department\_id)

-> WHERE e.employee\_id <> c.employee\_id

-> ORDER BY e.department\_id, e.last\_name, c.last\_name;

5)

Ans: SELECT last\_name, hire\_date

-> FROM employees

-> WHERE department\_id = (SELECT department\_id FROM employees WHERE last\_name = 'Zlotkey')

-> AND last\_name <> 'Zlotkey';

6)

Ans: SELECT employee\_id,last\_name,salary

-> FROM employees

-> WHERE salary > (SELECT AVG(salary) FROM employees)

-> ORDER BY salary;

7)

Ans: SELECT last\_name, employees.department\_id, departments.department\_name From employees

-> JOIN departments

-> ON employees.department\_id = departments.department\_id AND last\_name like '%u%';

8)

Ans: SELECT last\_name, employees.department\_id, job\_id

-> FROM employees

-> join departments

-> ON employees.department\_id = departments.department\_id

-> WHERE departments.location\_id = 1700;

9)

Ans: SELECT last\_name, emp.department\_id, job\_id

-> FROM employees emp

-> JOIN departments dp

-> ON emp.department\_id = dp.department\_id

-> WHERE dp.department\_name = 'Executive';

10)

Ans: SELECT last\_name,employee\_id ,salary

-> FROM employees,departments

-> WHERE salary > (SELECT AVG(salary) FROM employees)

-> AND employees.department\_id = departments.department\_id

-> AND last\_name like '%u%';