Вариант 5

```sql
CREATE SEQUENCE staff_id_seq
        start with 12
        cycle
        INCREMENT BY -8
        MAXVALUE 12
        CACHE 100;


INSERT INTO staff(id,name,department)
VAlUES(nextval('staff_id_seq'),'Ivan Makarenko','Director')
RETURNING *;


INSERT INTO staff(id,name,department)
SELECT nextval('staff_id_seq'), substr(employees.first_name,1,1) ||
substr(employees.last_name,1,1),
departments.department_name FROM employees JOIN departments
ON departments.department_id = employees.department_id
RETURNING *;


SELECT * From staff;


UPDATE staff set department = 'Innovations department'
WHERE id in (12,4)
        returning *;


DELETE from staff WHERE name='KK'
        returning *;


-- with recursive remployees(employee_id, manager_id, job_title) as
```

-- (select employee_id, manager_id, (SELECT job_title from jobs

--   WHERE
employees.job_id=jobs.job_id AND employees.employee_id = 205)

--   from employees where employee_id = 205

--   union all

--   select employees.employee_id, employees.manager_id , (SELECT job_title
from jobs

--   WHERE employees.job_id=jobs.job_id AND
remployees.employee_id = employees.manager_id)

--   from employees join remployees on remployees.employee_id =
employees.manager_id)

-- select job_title from remployees;

with recursive remployees(employee_id, manager_id, region_name) as

 (select employee_id, manager_id, (SELECT region_name from regions where
region_id=

                                                    (SELECT region_id from
countries where country_id=

                                                    (SELECT country_id
from locations WHERE location_id=

                                                     (SELECT location_id
from departments WHERE

departments.department_id=employees.department_id))))

    from employees where employee_id = 205

  union all

  select employees.employee_id, employees.manager_id ,

  (SELECT region_name from regions where region_id=

                                                    (SELECT region_id from
countries where country_id=

                                                    (SELECT country_id
from locations WHERE location_id=

```sql
                                              (SELECT location_id
from departments WHERE

departments.department_id=employees.department_id) ) ))

    from employees join remployees on remployees.employee_id =
employees.manager_id)

select * from remployees;


select * from staff;


UPDATE staff set department = substr(department,1,2)


INSERT INTO staff(id,name,department)

SELECT nextval('staff_id_seq'), substr(employees.first_name,1,1) ||
substr(employees.last_name,1,1),

departments.department_name FROM employees JOIN departments

ON departments.department_id = employees.department_id

RETURNING *;
```