```sql
-- Ilie Petre-Cristian

-- Grupa 233 - Semigrupa 2


set echo off;

set serveroutput on;


-- 1.


create table info_IPC
(
    nume_user varchar(30),
    data_comanda date,
    comanda varchar(30),
    nr_linii number(4),
    eroare varchar(100)
);


-- 2.


-- Modificare Ex 2 :
CREATE OR REPLACE FUNCTION f2_IPC
    (v_nume employees.last_name%TYPE DEFAULT 'Bell')
RETURN NUMBER IS salariu employees.salary%type;
    v_nr number;
    BEGIN
        select count(*) into v_nr
        from employees
        where last_name = v_nume;
```

```sql
        if (v_nr = 1) then

        begin

            insert into info_IPC values(user,sysdate,'f2_IPC('||v_nume||')',1,NULL);

            SELECT salary INTO salariu

            FROM employees

            WHERE last_name = v_nume;

            RETURN salariu;

        end;

        elsif (v_nr = 0) then

        begin

            insert into info_IPC values(user,sysdate,'f2_IPC('||v_nume||')',0,'Nu exista angajati cu numele
dat');

            dbms_output.put_line('Nu exista angajati cu numele dat');

            return 0;

        end;

        elsif (v_nr > 1) then

        begin

            insert into info_IPC values(user,sysdate,'f2_IPC('||v_nume||')',v_nr,'Exista mai multi angajati
cu numele dat');

            dbms_output.put_line('Exista mai multi angajati cu numele dat');

            return 0;

        end;

        end if;


    END f2_IPC;


begin

    DBMS_OUTPUT.PUT_LINE(f2_IPC);

    DBMS_OUTPUT.PUT_LINE(f2_IPC('King'));
```

```
end;


-- Modificare Ex 4 :
CREATE OR REPLACE PROCEDURE p4_IPC
  (v_nume employees.last_name%TYPE) IS salariu employees.salary%TYPE;
    v_nr number;
  begin
  select count(*) into v_nr
  from employees
  where last_name = v_nume;


  if (v_nr = 1) then
    begin
      insert into info_IPC values(user,sysdate,'p4_IPC('||v_nume||')',1,NULL);
      SELECT salary INTO salariu
      FROM employees
      WHERE last_name = v_nume;
      dbms_output.put_line('Salariul este '||salariu);
    end;
  elsif (v_nr = 0) then
    begin
      insert into info_IPC values(user,sysdate,'p4_IPC('||v_nume||')',0,'Nu exista angajati cu numele
dat');
      dbms_output.put_line('Nu exista angajati cu numele dat');
    end;
  elsif (v_nr > 1) then
    begin
      insert into info_IPC values(user,sysdate,'p4_IPC('||v_nume||')',v_nr,'Exista mai multi angajati
cu numele dat');
```

```
            dbms_output.put_line('Exista mai multi angajati cu numele dat');

        end;

    end if;


    END p4_IPC;


begin

    p4_IPC('Bell');

    p4_IPC('King');

end;


select * from info_ipc;
```