

--TEMA 4 exercitiul 1

create or replace procedure verifica_mgr(idE IN employees.employee_id%type, idM IN employees.manager_id%type) is

 v_manager departments.manager_id%type;
 v_dept departments.department_id%type;
 v_employee_mgr employees.employee_id%type;

Begin

 select department_id, manager_id into v_dept, v_employee_mgr from employees where
 employee_id=idE;

 if v_employee_mgr is not null then

 select manager_id into v_manager from departments where department_id=v_dept;

 if v_manager = idM then

 DBMS_OUTPUT.PUT_LINE('Manageri identici');

 else

 DBMS_OUTPUT.PUT_LINE('nu coincid');

 end if;

 else

 DBMS_OUTPUT.PUT_LINE(idE || ' nu are manager ');

 end if;

Exception

 When no_data_found then DBMS_OUTPUT.PUT_LINE('Nu exista informatii pentru datele cautate');

end;

-- apel procedura

Begin

-- apelul procedurii pentru diferite valori

 verifica_mgr(200, 100);

 --verifica_mgr(300,100);

 --verifica_mgr(178, 100);

 --verifica_mgr(100,100);

 --verifica(101,100);

end;

--select * from employees;

--select * from departments;

--select first_name, last_name, trunc(months_between(sysdate, hire_date)/12) as vechime from
employees;

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--TEMA 4 exercitiul 2
create or replace procedure verifica (id IN employees.employee_id%TYPE) as
vechime Integer;
v_data employees.hire_date%type;
v_numme employees.first_name%type;
begin
  select first_name, hire_date into v_numme, v_data from employees where employee_id=id;
  vechime := trunc(months_between(sysdate, v_data)/12);
  DBMS_OUTPUT.put_line (v_numme || ' are vechimea ' ||vechime|| ' ani. ');
end;
--select first_name, trunc(months_between(sysdate, hire_date)/12) vechime from employees;
declare
cursor angajati is
  select * from employees;
begin
  for rand in angajati loop
    verifica(rand.employee_id);
    exit when angajati%rowcount >11 ;
  end loop;
end;

-- sau cu data calendaristica
create or replace procedure verifica_data (v_data in employees.hire_date%type) as
  ani Integer;
  luni integer;
  zile integer;
begin
  ani := trunc(months_between(sysdate, v_data)/12);
  luni := trunc(mod( months_between(sysdate, v_data), 12));
  zile:=trunc(sysdate-add_months(ani*12+luni, v_data));
  DBMS_OUTPUT.PUT_LINE(ani|| ' ani, ' ||luni|| ' luni si ' ||zile|| ' zile. ');
  DBMS_OUTPUT.NEW_LINE;
end;
--select first_name, last_name , hire_date from employees;
declare
cursor angajati is
  select * from employees;
begin
  for rand in angajati loop
    DBMS_OUTPUT.PUT_LINE(rand.first_name || ' ' ||rand.last_name || ' are vechimea ');
    verifica_data(rand.hire_date);
    exit when angajati%rowcount >11 ;
  end loop;
end;

--select first_name, (mod(mod( months_between(sysdate, hire_date)/12, 12), 30.5)) as vechime from
employees;

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