Ex 2

create or replace procedure ex1 (notar number)

is

cursor c\_clients is (

select \* from client where cod in (

select distinct cod\_client from beneficiaza b join serviciu s on b.cod\_serviciu = s.cod where cod\_notar = notar

)

)

type array is table of serviciu.denumire%type;

lista\_servicii array := array();

nr\_acte number;

begin

for client in c\_clients loop

dbms\_output.put\_line("Client " || client.nume);

select denumire bulk collect into lista\_servicii from serviciu s join beneficiaza b on b.cod\_serviciu = s.cod where cod\_notar = notar and cod\_client = client.cod;

for i in lista\_servicii.first .. lista\_servicii.last loop

dbms\_output.put\_line("Serviciu: " || lista\_servicii(i));

end loop;

select count(\*) into nr\_acte from serviciu s join beneficiaza b on b.cod\_serviciu = s.cod where cod\_notar = notar and cod\_client = client.cod and tip = 'act' and data > ( sysdate - 30 \* 3 )

end loop;

end;

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Ex 3

create or replace function ex3 (client client.nume%type)

is

cel\_mai\_ieftin number;

cod\_client client.cod%type;

nr number;

begin

for res in (select valoare - valoare \* procent\_reducere as pret, c.cod as client from client c join beneficiaza b on c.cod = b.cod\_client join serviciu s on b.cod\_serviciu = s.cod where nume = client order by valoare \* procent\_reducere) loop

cel\_mai\_ieftin := res.pret

cod\_client := res.client

exit;

end loop;

select count(\*) into nr from (select distinct cod\_notar from beneficiaza b join serviciu s on b.cod\_serviciu = s.cod where cod\_client = cod\_client and (valoare - valoare \* procent\_reducere) = cel\_mai\_ieftin);

return nr;

end;

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