/\*\_\_\_\_\_\_\_\_\_\_\_\_\_exo1

SET SERVEROUTPUT ON;

declare

cursor employe\_info is

select \* FROM employees;

employer employees%ROWTYPE;

v\_last\_name employees.last\_name%type;

cursor employe\_manag(v\_id employees.manager\_id%type) is

select last\_name into v\_last\_name FROM employees where employee\_id=v\_id;

begin

open employe\_info;

loop

fetch employe\_info into employer;

exit when employe\_info%notfound;

dbms\_output.put\_line('\_\_\_\_employé '||employer.first\_name ||' '||employer.last\_name||' (ID : '||employer.employee\_id||' )' );

dbms\_output.put\_line('travail comme '||employer.job\_title ||' depuis '||employer.hire\_date );

open employe\_manag(employer.manager\_id);

loop

fetch employe\_manag into v\_last\_name(employer.manager\_id);

exit when employe\_manag%notfound;

dbms\_output.put\_line('sous la direction de '||v\_last\_name);

end loop;

close employe\_manag;

end loop;

close employe\_info;

end;\*/

/\*\_\_\_\_\_\_\_\_\_\_\_\_\_exo2

set SERVEROUTPUT ON;

declare

cursor nbr\_commande(cust\_id orders.customer\_id%type) is

select count(\*) from orders where customer\_id=cust\_id;

nbr\_1 number(3);

customer\_id orders.customer\_id%type;

cursor nbr\_vente(vente\_id orders.salesman\_id%type) is

select count(\*) from orders where salesman\_id=vente\_id;

nbr\_2 number(3);

sales\_id orders.salesman\_id%type;

begin

customer\_id := '&customer\_id';

open nbr\_commande(customer\_id);

fetch nbr\_commande into nbr\_1;

dbms\_output.put\_line('le nbr de commande de ce client est : '||nbr\_1);

close nbr\_commande;

sales\_id := '&sales\_id';

open nbr\_vente(sales\_id);

fetch nbr\_vente into nbr\_2;

dbms\_output.put\_line('le nbr de vente de ce employé est : '||nbr\_2);

close nbr\_vente;

end;\*/

--\_\_\_\_\_\_\_\_\_\_\_\_\_exo3

SET SERVEROUTPUT ON;

declare

total order\_items.unit\_price%type:=0;

cus\_id customers.customer\_id%type;

ord\_id orders.order\_id%type;

i number:=0;

begin

for cust IN (select \* from customers) loop

for ord IN (select \* from orders where customer\_id= cust.customer\_id) LOOP

for price IN (select \* from order\_items where order\_id=ord.order\_id) LOOP

total := total+price.unit\_price;

end loop;

end loop;

if (total>=2000) then

dbms\_output.put\_line('the customer number '||cust.customer\_id||' bought : '||total);

update customers set credit\_limit= credit\_limit+50;

i := i+1;

end if;

total:=0;

end loop;

dbms\_output.put\_line('nbr de ligne mise a jour est ' || i);

end;

--\_\_\_\_\_\_\_\_\_\_\_\_\_exo4

SET SERVEROUTPUT ON;

declare

total order\_items.unit\_price%type:=0;

cus\_id customers.customer\_id%type;

ord\_id orders.order\_id%type;

i number:=0;

begin

for cust IN (select \* from customers) loop

for ord IN (select \* from orders where customer\_id= cust.customer\_id) LOOP

for price IN (select \* from order\_items where order\_id=ord.order\_id) LOOP

total := total+price.unit\_price;

end loop;

end loop;

if (total>=10000) then

dbms\_output.put\_line('the customer number '||cust.customer\_id||' bought : '||total);

update customers set credit\_limit= credit\_limit+50;

i := i+1;

end if;

total:=0;

end loop;

dbms\_output.put\_line('nbr de ligne mise a jour est ' || i);

end;