

Solution

Scenario: 1

```
declare
cursor c01 is
select c.customerid,c.name, c.dob, l.interestrates from customers c
join loans l on c.customerid=l.customerid;
begin
for counter in c01
loop
if round((sysdate-counter.dob)/365)>60 then
update loans
set interestrate = 0.99*counter.interestrate where customerid =
counter.customerid;
dbms_output.put_line('Updated customer ' || counter.customerid ||' -
New Interest Rate: ' || (0.99 * counter.interestrate));
end if;
end loop;
commit;
end;
/
```

Scenario: 2

```
ALTER TABLE customers ADD (IsVIP NUMBER(1) DEFAULT 0);
declare
cursor c02 is
select customerid, name, balance from customers;
begin
for counter in c02
loop
if counter.balance > 10000 then
update customers
set isVIP = 1 WHERE customerid = counter.customerid;
end if;
end loop;
commit;
end;
/
```

Scenario: 3

```
declare
cursor c03 is
select c.customerid, c.name, l.startdate, l.enddate from customers c
join loans l on c.customerid=l.customerid;
begin
```

```
for counter in c03
loop
if round(counter.enddate-counter.startdate) <=30 then
dbms_output.put_line('Reminder for loan payment '|| 'Customer id' ||
counter.customerid ||'Name '|| counter.name);
end if;
end loop;
commit;
end;
/
```