--------IF STATEMENT------------  
declare  
v\_num\_1 number:= 10;  
v\_num\_2 number:= 5;

v\_result number:= v\_num\_1 \* v\_num\_2;  
begin  
dbms\_output.put\_line('The product of '||to\_char(v\_num\_1)||' and '||to\_char(v\_num\_2)|| ' is '||v\_result);  
if v\_result <50  
then dbms\_output.put\_line('Result is less than 50');  
elsif v\_result =50  
then dbms\_output.put\_line('Result is equal to 50');  
else  
dbms\_output.put\_line('Result is more than 50');  
end if;  
end;

---------------CASE STATEMENT--------------  
declare  
v\_num\_1 number:= 10;  
v\_num\_2 number:= 5;

v\_result number:= v\_num\_1 \* v\_num\_2;  
begin  
dbms\_output.put\_line('The product of '||to\_char(v\_num\_1)||' and '||to\_char(v\_num\_2)|| ' is '||v\_result);  
case when v\_result < 50  
then dbms\_output.put\_line('Result is less than 50');  
when v\_result = 50  
then dbms\_output.put\_line('Result is equal to 50');  
else  
dbms\_output.put\_line('Result is more than 50');  
end case;  
end;

----------------WHILE LOOP 1-------------  
declare  
v\_num\_1 number:=2;  
v\_num\_2 number:=3;  
v\_result number:=0;

begin  
while v\_result < 20  
loop  
dbms\_output.put\_line(v\_result);  
v\_num\_1:= v\_num\_1 + 1;  
v\_num\_2:= v\_num\_2 + 1;  
v\_result:=v\_num\_1 \* v\_num\_2;  
end loop;  
  
end;

----------------WHILE LOOP 2-------------  
declare  
v\_date date:=to\_date('01feb2022');  
v\_balance number;  
begin  
while v\_date < to\_date('10feb2022')  
loop  
select sum(cr\_bal\_lcy)  
into v\_balance  
from dep\_hist where business\_date = v\_date and dep\_cat = 'CURRENT';  
dbms\_output.put\_line('The total current balance for '||v\_date||' is '|| v\_balance||'.');  
v\_date:= v\_date+1;  
end loop;  
  
end;

----------------FOR LOOP 1-------------  
declare  
v\_gl\_code varchar2(10);  
v\_gl\_desc varchar2(200);  
begin  
for x in (select cust\_ac\_no as gl\_code from laura\_temp)  
loop  
select gl\_code, gl\_desc  
into v\_gl\_code, v\_gl\_desc  
from finance.gl\_map  
where gl\_code in (x.gl\_code);  
dbms\_output.put\_line('The name of GL '|| v\_gl\_code || ' is '|| v\_gl\_desc||'.');  
end loop;  
  
end;

----------------FOR LOOP 2-------------

declare  
v\_date date:=to\_date('01feb2022');  
v\_balance number;  
begin  
for x in (select to\_date(v\_date) + level -1 as date\_list from dual connect by level <=10)  
loop  
select sum(cr\_bal\_lcy)  
into v\_balance  
from dep\_hist where business\_date = x.date\_list and dep\_cat = 'CURRENT';  
dbms\_output.put\_line('The total current balance for '||v\_date||' is '|| v\_balance||'.');  
  
end loop;  
  
end;