PL/SQL

Declare

V\_age number:= &age;

Begin

dbms.output.put\_line(‘Age is’||v\_age);

End;

Declare

Vname varchar2(20);

Vsal number;

Begin

Select last\_name, salary\*12

Into vname, vsal

From employees

Where employee\_id = &empid;

dbms\_output.put\_line(‘Name is:’||vname);

dbms\_output.put\_line(‘Annual salary is:’||vsal);

Exception

When no\_data\_found then

dbms\_output.put\_line(‘No employees in this department’);

When too\_many\_rows then

Dbms\_output.put\_line (‘More then one emps’);

End;

Declare

X number:=5;

Begin

<<b>>

Declare

X number:= 6;

Begin

dbms\_output.put\_line(‘inner x’||x);

dbms\_output.put\_line(‘inner x’||a.x);

End;

dbms\_output.put\_line(‘x’||x);

End;

Declare

X number:=10;

Begin

Loop

dbms\_output.put\_line(x);

x:=x-1;

Exit when x<=1;

End loop;

End;

declare

x number :=10;

begin

while x<=1

loop

dbms\_output.put\_line(x);

x:=x-1;

exit when x<=1;

end loop;

end;

begin

for i in 1..10

loop

dbms\_output.put\_line (i);

end loop;

end;

declare

vname varchar2(20);

vsal number;

begin

for i in reverse 100..109

loop

select last\_name, salary

into vname, vsal

from employees

where employee\_id=i;

dbms\_output.put\_line (vname||' '||vsal);

end loop;

end loop;

declare

type emp\_record\_type is record

(last\_name varchar2(25),

job\_id varchar2(10),

salary number(8,2));

emp\_record emp\_record\_type;

begin

select last\_name,job\_id,salary

into emp\_record

from employees

where employee\_id=&empid;

dbms\_output.put\_line (emp\_record.last\_name||' '|| emp\_record.job\_id||' '||emp\_record.salary);

end;

declare

emp\_record employees%rowtype;

begin

select \*

into emp\_record

from employees

where employee\_id=&empid;

dbms\_output.put\_line (emp\_record.last\_name||' '|| emp\_record.job\_id||' '||emp\_record.salary);

end;

declare

type num\_tab\_type is table of number

index by binary\_integer;

num\_tab num\_tab\_type;

begin

for i in 1..10

loop

num\_tab(i):= i\*10;

end loop;

for i in num\_tab.first..num\_tab.last

loop

dbms\_output.put\_line(num\_tab(i));

end loop;

end;

declare

type num\_tab\_type is table of employees.last\_name%type

index by binary\_integer;

num\_tab num\_tab\_type;

begin

for i in 100..109

loop

select last\_name

into num\_tab(i)

from employees

where employee\_id=i;

end loop;

for i in num\_tab.first..num\_tab.last

loop

dbms\_output.put\_line(num\_tab(i));

end loop;

end;

declare

type emp\_record\_type is record

( lname employees.last\_name%type,

sal employees.salary%type);

type num\_tab\_type is table of emp\_record\_type

index by binary\_integer;

num\_tab num\_tab\_type;

begin

for i in 100..120

loop

select last\_name , salary

into num\_tab(i) from employees where employee\_id=i;

end loop;

for i in num\_tab.first..num\_tab.last

loop

dbms\_output.put\_line(num\_tab(i).lname);

dbms\_output.put\_line(num\_tab(i).sal);

end loop;

end;