```
SQL> declare
  2  a number;
  3  b number;
  4  c number;
  5  begin
  6  a:=&a;
  7  b:=&b;
  8  c:=a+b;
  9  dbms_output.put_line('sum of '||a||'and'||b||'is'||c);
 10  end;
 11  /
Enter value for a: 23
old   6: a:=&a;
new   6: a:=23;
Enter value for b: 12
old   7: b:=&b;
new   7: b:=12;
sum of 23and12is35

PL/SQL procedure successfully completed.

SQL> declare
  2  b number;
  3  c number;
  4  begin
  5  b:=10;
  6  c:=20;
  7  if(c>b) then
  8  dbms_output.put_line('C is maximum');
  9  end if;
 10  end;
 11  /
C is maximum

PL/SQL procedure successfully completed.

SQL> declare
  2  n number;
  3  begin
  4  dbms_output.put_line('enter a number');
  5  n:=&number;
  6  if n<5 then
  7  dbms_output.put_line('entered number is less than 5');
  8  else
  9  dbms_output.put_line('entered number is greater than 5');
 10  end if;
 11  end;
 12  /
Enter value for number: 3
old   5: n:=&number;
new   5: n:=3;
enter a number
entered number is less than 5

PL/SQL procedure successfully completed.

SQL> declare
  2  a number;
  3  b number;
```

```
  4  c number;
  5  d number;
  6  begin
  7  a:=&a;
  8  b:=&b;
  9  c:=&c;
 10  if(a>b)and(a>c) then
 11  dbms_output.put_line('A is maximum');
 12  elsif(b>a)and(b>c)then
 13  dbms_output.put_line('B is maximum');
 14  else
 15  dbms_output.put_line('C is maximum');
 16  end if;
 17  end;
 18  /
Enter value for a: 30
old   7: a:=&a;
new   7: a:=30;
Enter value for b: 16
old   8: b:=&b;
new   8: b:=16;
Enter value for c: 40
old   9: c:=&c;
new   9: c:=40;
C is maximum

PL/SQL procedure successfully completed.

SQL> declare
  2  n number;
  3  sum1 number default 0;
  4  endvalue number;
  5  begin
  6  endvalue:=&endvalue;
  7  n:=1;
  8  for n in 1..endvalue
  9  loop
 10  if mod(n,2)=1 then
 11  sum1:=sum1+n;
 12  end if;
 13  end loop;
 14  dbms_output.put_line('sum ='||sum1);
 15  end;
 16  /
Enter value for endvalue: 5
old   6: endvalue:=&endvalue;
new   6: endvalue:=5;
sum =9

PL/SQL procedure successfully completed.

SQL> declare
  2  n number;
  3  sum1 number default 0;
  4  endvalue number;
  5  begin
  6  endvalue:=&endvalue;
  7  n:=1;
  8  while(n<endvalue)
```

```
  9  loop
 10  sum1:=sum1+n;
 11  n:=n+2;
 12  end loop;
 13  dbms_output.put_line('sum off odd no. bt 1 and'||endvalue||'is'||sum1);
 14  end;
 15  /
Enter value for endvalue: 5
old   6: endvalue:=&endvalue;
new   6: endvalue:=5;
sum off odd no. bt 1 and5is4

PL/SQL procedure successfully completed.


SQL> create function fnfact(n number)
  2  return number is
  3  b number;
  4  begin
  5  b:=1;
  6  for i in 1..n
  7  loop
  8  b:=b*i;
  9  end loop;
 10  return b;
 11  end;
 12  /

Function created.

SQL> declare
  2  n number:=&n;
  3  y number;
  4  begin
  5  y:=fnfact(n);
  6  dbms_output.put_line(y);
  7  end;
  8  /
Enter value for n: 5
old   2: n number:=&n;
new   2: n number:=5;
120

PL/SQL procedure successfully completed.

SQL> create or replace procedure proc1 as
  2  begin
  3  dbms_output.put_line('Hello from procedure...');
  4  end;
  5  /

Procedure created.

SQL> execute proc1
Hello from procedure...

PL/SQL procedure successfully completed.

SQL> create or replace procedure proc2
```

```
  2  (n1 in number, n2 in number, tot out number)is
  3  begin
  4  tot:=n1+n2;
  5  end;
  6  /

Procedure created.

SQL> variable t number
SQL> exec proc2(33,66,:t)

PL/SQL procedure successfully completed.

SQL> print t

         T
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        99

SQL> spool off
```