```
SQL> set serveroutput on;
SQL> declare
  2  a number;
  3  b number;
  4  c number;
  5  begin
  6  a:=&a;
  7  b:=&b;
  8  c:=&c;
  9  if(a>b  and a>c) then
 10  dbms_output.put_line('a is largest '||a);
 11  elsif(b>a  and b>c) then
 12  dbms_output.put_line('b is largest '||b);
 13  else
 14  dbms_output.put_line('c is largest '||c);
 15  end if;
 16  end;
 17  /
Enter value for a: 5
old   6: a:=&a;
new   6: a:=5;
Enter value for b: 8
old   7: b:=&b;
new   7: b:=8;
Enter value for c: 7
old   8: c:=&c;
new   8: c:=7;
b is largest 8

PL/SQL procedure successfully completed.
```

```
SQL> set serveroutput on;
SQL> declare
  2  i number(4):=1;
  3  n number(4):=&n;
  4  f number(4) :=1;
  5  begin
  6  for i in 1..n
  7  loop
  8  f:=f*i;
  9  end loop;
 10  dbms_output.put_line('Factorial of ' ||n|| ' is: '||f);
 11  end;
 12  /
Enter value for n: 6
old   3: n number(4):=&n;
new   3: n number(4):=6;
Factorial of 6 is: 720

PL/SQL procedure successfully completed.
```

```
SQL> set serveroutput on;
SQL> declare
  2  n number;
  3  i number;
  4  flag number;
  5  begin
  6  i:=2;
  7  flag:=1;
  8  n:=&n;
  9  for i in 2..n/2
 10  loop
 11  if mod(n,i)=0
 12  then
 13  flag:=0;
 14  exit;
 15  end if;
 16  end loop;
 17  if flag=1
 18  then
 19  dbms_output.put_line('Prime');
 20  else
 21  dbms_output.put_line('Not Prime');
 22  end if;
 23  end;
 24  /
Enter value for n: 13
old   8: n:=&n;
new   8: n:=13;
Prime

PL/SQL procedure successfully completed.
```

```
SQL> set serveroutput on;
SQL> declare
  2  a number:=0;
  3  b number:=1;
  4  temp number;
  5  n number:=10;
  6  i number;
  7  begin
  8  dbms_output.put_line('Fibonacci Series:');
  9  dbms_output.put_line(a);
 10  dbms_output.put_line(b);
 11  for i in 2..n
 12  loop
 13  temp:=a+b;
 14  a:=b;
 15  b:=temp;
 16  dbms_output.put_line(temp);
 17  end loop;
 18  end;
 19  /
Fibonacci Series:
0
1
1
2
3
5
8
13
21
34
55

PL/SQL procedure successfully completed.
```

```
SQL> set serveroutput on;
SQL> declare
  2  a integer;
  3  b integer;
  4  c integer;
  5  begin
  6  a:=&a;
  7  b:=&b;
  8  c:=a+b;
  9  dbms_output.put_line(c);
 10  end;
 11  /
Enter value for a: 5
old   6: a:=&a;
new   6: a:=5;
Enter value for b: 6
old   7: b:=&b;
new   7: b:=6;
11

PL/SQL procedure successfully completed.
```

```
SQL> set serveroutput on;
SQL> declare
  2  num int:=0;
  3  i int;
  4  s int:=0;
  5  r int;
  6  begin
  7  num:=&num;
  8  while num>0 loop
  9  r:=mod(num, 10);
 10  s:=s+r;
 11  num:=floor(num/10);
 12  end loop;
 13  dbms_output.put_line('Sum of Digits:' || s);
 14  end;
 15  /
Enter value for num: 5364
old   7: num:=&num;
new   7: num:=5364;
Sum of Digits:18

PL/SQL procedure successfully completed.
```