# To write a PL/SQL program to obtain the sequence 1, 4, 9, 16...

**Program:**

```
declare
      n number;
      total number;
begin
      n := &n;
      for i in 1..n
      loop
            total := i * i;
            dbms_output.put_line(' '||total);
      end loop;

end;
```

**Output:**

```
SQL> set serveroutput on
SQL> /
Enter value for n: 6
old    5:          n := &n;
new    5:          n := 6;
1
4
9
16
25
36

PL/SQL procedure successfully completed.
```