

Side effects

```
function f (x : integer) : integer;  
begin  
  f := 2 * z * x;  
end;
```

```
function g (y : integer) : integer;  
begin  
  z := z + 1;  
  g := z + y;  
end;
```

what is the result of-

```
x := 1; y := 2; z := 3;
```

```
writeln ( f(x) + g(y) );
```

what about

```
x := 1; y := 2; z := 3;
```

```
writeln ( g(y) + f(x) );
```

Or `writeln (f(g(1)))` vs `writeln (g(f(1)))`