

Comment on Exercise 93: 6

The *Maple* function *evaln* provides a way of evaluating an expression as a name. (See its help page.)

The following sequence contains two ways of “unassigning” the variables *v1*, *v2*, *v3* in a loop.

First, bind the variables:

```
for j from 1 to 3 do
  v || j := j + 2;
od;
print(v1, v2, v3);
```

This demonstrates *evaln* without unbinding the variables:

```
for j from 1 to 3 do
  evaln(v || j);
od;
print(v1, v2, v3);
```

Now unbind the variables:

```
for j from 1 to 3 do
  v || j := evaln(v || j);
od;
print(v1, v2, v3);
```

Bind the variables as before, and then unbind them a different way.

```
for j from 1 to 3 do
  v || j := j + 2;
od;
print(v1, v2, v3);
unassign(evaln(v || (1..3)));
print(v1, v2, v3);
```