

```

1 |----- MODULE OpOperators -----|
2 | EXTENDS Naturals, SequenceUtils |
3 |-----|
4 | Nop  $\triangleq$  PickNone(Nat)
5
6 | Apply(op, l)  $\triangleq$  Apply an operation op on the list l.
7 |   CASE op = Nop  $\rightarrow$  l
8 |     □ op.type = "Rd"  $\rightarrow$  l
9 |     □ op.type = "Del"  $\rightarrow$  DeleteElement(l, op.pos) Last(l) is deleted if pos > Len(l)
10 |    □ op.type = "Ins"  $\rightarrow$  InsertElement(l, op.ch, op.pos) Append(l, ch) if pos > Len(l)
11 |-----|
   \ * Modification History
   \ * Last modified Wed Jan 02 14:34:47 CST 2019 by hengxin
   \ * Created Tue Aug 28 14:58:54 CST 2018 by hengxin

```