

```

1 |----- MODULE OpOperators -----|
2 | EXTENDS Naturals, SequenceUtils |
3 |-----|
4 | Nop  $\triangleq$  PickNone(Nat)
5
6 | Apply(op, l)  $\triangleq$  Apply operation op on list l.
7 |   CASE op = Nop  $\rightarrow$  l
8 |     □ op.type = "Rd"  $\rightarrow$  l
9 |     □ op.type = "Del"  $\rightarrow$  DeleteElement(l, op.pos)
10 |    □ op.type = "Ins"  $\rightarrow$  InsertElement(l, op.ch, op.pos)
11 |                                           append to the end
12 |                                           if op.pos = Len(l) + 1
13 |-----|
14 | \ * Modification History
15 | \ * Last modified Sat Jan 12 21:41:22 CST 2019 by hengxin
16 | \ * Created Tue Aug 28 14:58:54 CST 2018 by hengxin

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