```
— MODULE OpOperators –
 {\tt 2} \ \ {\tt EXTENDS} \ \textit{Naturals}, \ \textit{SequenceS}, \ \textit{SequenceUtils}
 4 \ Nop \triangleq PickNone(Nat)
    Apply(op, l) \stackrel{\Delta}{=} Apply an operation op on the list l.
        CASE op = Nop \rightarrow l
                op.type = \text{``Rd''} \rightarrow l
 8
                op.type = "Del" \rightarrow DeleteElement(l, op.pos) Last(l) is deleted if pos > Len(l)
          9
                op.type = \text{``lns''} \rightarrow InsertElement(l, op.ch, op.pos) | Append(l, ch) if pos > Len(l)
10
    RECURSIVE ApplyOps(\_, \_) Apply an operation sequence ops on the list l.
    ApplyOps(ops, l) \triangleq
        If ops = \langle \rangle
14
          THEN l
15
          ELSE Apply(Last(ops), ApplyOps(AllButLast(ops), l))
    \* Modification History
    * Last modified Wed Jan 02 14:27:16 CST 2019 by hengxin
    * Created Tue Aug 28 14:58:54 CST 2018 by hengxin
```