**Datos**

- $Q_c \equiv |s| = |s_0| \wedge_L ((\forall i : \mathbb{Z})\ 1 \leq i < |s| \wedge_L s_0[i-1] < s_0[i] \longrightarrow_L s[i-1] = s_0[i]) \wedge_L$
  $((\forall i : \mathbb{Z})\ 1 \leq i < |s|\ \wedge_L s_0[i-1] \geq s_0[i] \longrightarrow_L s[i-1] = s_0[i-1])$
- $I \equiv 1 \leq i \leq |s| \wedge |s| = |s_0| \wedge_L$
  $((\forall j : \mathbb{Z})\ 0 \leq j < i-1\ \wedge_L s_0[j-1] < s_0[j] \longrightarrow_L s[j-1] = s_0[j]) \wedge$
  $((\forall j : \mathbb{Z})\ 0 \leq j < i-1\ \wedge_L s_0[j-1] \geq s_0[j] \longrightarrow_L s[j-1] = s_0[j-1]) \wedge$
  $((\forall j : \mathbb{Z})\ i-1 \leq j < |s|\ \longrightarrow_L s[j] = s_0[j])$
- $B \equiv i < |s|$
- $S1 \equiv$ if $s[i-1] < s[i]$ then $s[i-1] := s[i];$ else $skip;$ fi;
- $S2 \equiv i := i+1$
- $ciclo \equiv S1; S2;$
- $(I \wedge \neg B) \longrightarrow Q_c$
- $\{I \wedge B\}$ ciclo $\{I\}$

$(I \wedge \neg B) \longrightarrow Q_c$

$\{I \wedge B\}$ **ciclo** $\{I\}$