```
proc posicionDeEscalera (in s: seq⟨ℤ⟩, out posicionInicial: ℤ)  {
        Pre {
          existeAlgunaEscalera(s)
        }
        Post {
          (∃j : ℤ) posicionInicial ≤ j < |s| + 1  ∧_L
            (esEscalera(subSeq(posicionInicial, j, s)) ∧
            esUnaDeLasEscalerasMasLargas(s, subSeq(posicionInicial, j, s)))
        }
}
   pred existeAlgunaEscalera (s: seq⟨ℤ⟩) {(∃i, j : ℤ) 0 ≤ i < j ≤ |s| ∧_L esEscalera(subSeq(s, i, j)) }

   pred esEscalera (s: seq⟨ℤ⟩) {|s| ≥ 3 ∧ (∀i : ℤ) 1 ≤ i < |s|  ⟶_L s[i] = s[i − 1] + 1 }

   pred esUnaDeLasEscalerasMasLargas (s_0: seq⟨ℤ⟩, s: seq⟨ℤ⟩) {
     (∀i, j : ℤ) 0 ≤ i < j ≤ |s| ⟶_L (esEscalera(subSeq(s_0, i, j)) ⟶ |subSeq(s_0, i, j)| ≤ |s|)
   }
```