

increasing_implies_le^{11,40}

$\forall k:\mathbb{N}, f:(\text{int_seg}(0; k) \rightarrow \mathbb{Z}).$

$\text{increasing}(f; k) \Rightarrow \text{guard}((\forall x,y:\text{int_seg}(0; k). (x \leq y) \Rightarrow ((f(x) \leq (f(y))))))$