increasing_implies[11,40]

$\forall k:\mathbb{N},\ f:(\text{int\_seg}(0;\ k)\rightarrow \mathbb{Z}).$
$\text{increasing}(f;\ k) \Rightarrow \text{guard}((\forall x,y:\text{int\_seg}(0;\ k).\ (x < y) \Rightarrow ((f(x)) < (f(y)))))$