Exercises

3.137 [21X] Let $k \in \mathbb{N}$ and let $I = \{0, \dots, k\}$ with the usual ordering of $\mathbb{N}$: show that the concatenation of I with $\mathbb{N}$ has the same type of order as $\mathbb{N}$; while the concatenation of $\mathbb{N}$ with I does not have the same type of order.