## Databases <br> Relational Calculus

We execute the following query (in Relational Calculus) on a set of integers $\mathbf{S}$.
For the given set $\mathbf{S}$, what will be the answer? Fill up the answer box with the required integer.

$$
\{x \mid \forall y S(x) \wedge S(y) \rightarrow y \leq x\}
$$

$\mathbf{S}=\{4,5,6,7,10,11,19,18,3\}$

