$$
\begin{array}{|l}
\hline
\_\ Container[X] _____ \\
\quad contents : \mathrm{seq}\ X \\
\quad capacity : \mathbb{N} \\
\hline
\quad \#contents \leq capacity \\
\hline
\end{array}
$$

$$
\begin{array}{|l}
\hline
\_\ [X] _____ \\
\quad emptyContainer : Container[X] \\
\quad addToContainer : Container[X] \times X \longrightarrow Container[X] \\
\hline
\quad emptyContainer.contents = \langle\rangle \wedge emptyContainer.capacity = 100 \\
\hline
\end{array}
$$