$\langle task \rangle$	$::= \{ \text{`,'} \langle statement \rangle \}$
$\langle statement \rangle$	$::= \ \langle \mathit{subtask} \rangle \mid \langle \mathit{while\text{-}statement} \rangle \mid \langle \mathit{if\text{-}statement} \rangle$
$\langle while\text{-}statement \rangle$::= while $\langle \mathit{object} \rangle$ do $\langle \mathit{subtask-list} \rangle$
$\langle \textit{if-statement} \rangle$	$::= \ \langle \textit{if-block} \rangle \ \langle \textit{else-block} \rangle \ \ \langle \textit{if-block} \rangle$
$\langle \textit{if-block} angle$	$::= \text{ if } \langle \mathit{object} \rangle \text{ do } \langle \mathit{subtask-list} \rangle$
$\langle else\text{-}block \rangle$::= else do $\langle subtask\text{-}list \rangle$
$\langle subtask\text{-}list \rangle$	$::= \{ \text{`,'} \langle subtask \rangle \}$
$\langle subtask \rangle$	$::= \ \langle interaction \rangle \ \ \langle object \rangle$
$\langle interaction \rangle$	$::= \ visit \ \ pickup \ \ transform$
$\langle object \rangle$	$::= \ cat \ \ pig \ \ sheep \ \ goat$