Search Stack 1

$$\frac{name \in frames}{Stack : name \rightarrow Stack : value}$$

Search Stack 2

$$\frac{name \notin frames}{Stack : name \rightarrow Stack : skip}$$

Update Stack

$$\overline{Stack : name, value \rightarrow Stack ; name \Rightarrow value ; skip}$$

clear_var_in_frame

$$\overline{Stack \rightarrow Stack - Stack[name] ; skip}$$

push_frame

$$\overline{Stack, frame \rightarrow Stack + frame ; skip}$$

pop_frame

$$\frac{Statck \rightarrow head, tail}{Stack \rightarrow head ; skip}$$

get_fn 1

$$\frac{name \in function\,table}{function\,table, name \rightarrow function ; skip}$$

get_fn 2

$$\frac{name \notin function\,table}{function\,table, name \rightarrow skip}$$