```
data Value : \forall \{\Gamma A\} \rightarrow \Gamma \vdash A \rightarrow \text{Set where}
   V-Lambda : \forall \{\Gamma \land B\} \ \{F : \Gamma , A \vdash B\} \rightarrow Value \ (Lambda \ \{\Gamma\} \ F)
   V-Lit : \forall \{\Gamma\} \{i : \mathbb{Z}\} \rightarrow Value (Lit \{\Gamma\} i)
   V-Skip : \forall \{\Gamma\} \rightarrow Value (Skip \{\Gamma\})
-- Renaming
\mathsf{ext} : \forall \{\Gamma \Delta\} \to (\forall \{A\} \to A \in \Gamma \to A \in \Delta)
                   \rightarrow (\forall \{A B\} \rightarrow B \in \Gamma, A \rightarrow B \in \Delta, A)
ext \rho Zero = Zero
\operatorname{ext} \rho \left( \operatorname{Suc} x \right) = \operatorname{Suc} \left( \rho x \right)
rename : \forall \{\Gamma \Delta\} \rightarrow (\forall \{A\} \rightarrow A \in \Gamma \rightarrow A \in \Delta)
                           \rightarrow (\forall \{A\} \rightarrow \Gamma \vdash A \rightarrow \Delta \vdash A)
rename \rho (Var a) = Var (\rho a)
rename \rho (Lambda f) = Lambda (rename (ext \rho) f)
rename \rho (Sub a A \le B) = Sub (rename \rho a) A \le B
rename \rho (App f(e)) = App (rename \rho(f)) (rename \rho(e))
rename \rho Skip = Skip
rename \rho (Seq c_1 c_2) = Seq (rename \rho c_1) (rename \rho c_2)
rename \rho (NewVar c) = NewVar (rename (ext \rho) c)
rename \rho (Assign a e) = Assign (rename \rho a) (rename \rho e)
rename \rho (Lit i) = Lit i
rename \rho (Neg e) = Neg (rename \rho e)
rename \rho (Plus e_1 e_2) = Plus (rename \rho e_1) (rename \rho e_2)
```