```
data Value : \forall \{ \Gamma A \} \rightarrow \Gamma \vdash A \rightarrow \mathsf{Set} \ \mathsf{where}
   V-Lambda : \forall \{ \Gamma \ A \ B \} \ \{ F : \Gamma \ , \ A \vdash B \} \rightarrow \mathsf{Value} \ (\mathsf{Lambda} \ \{ \Gamma \} \ F )
   V-Lit: \forall \{\Gamma\} \{i : \mathbb{Z}\} \rightarrow \mathsf{Value} (\mathsf{Lit} \{\Gamma\} i)
   V-Skip : \forall \{\Gamma\} \rightarrow Value (Skip \{\Gamma\})
-- Renaming
ext: \forall \{ \Gamma \ \Delta \} \rightarrow (\forall \{A\} \rightarrow A \in \Gamma \rightarrow A \in \Delta)
                         \rightarrow (\forall \{A \ B\} \rightarrow B \in \Gamma, A \rightarrow B \in \Delta, A)
ext \rho Zero = Zero
ext \rho (Suc x) = Suc (\rho x)
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 \in \Gamma) = Var (\rho A \in \Gamma)
rename \rho (Lambda \Gamma, A \vdash B) = Lambda (rename (ext \rho) \Gamma, A \vdash B)
rename \rho (Sub \Gamma \vdash A \land A \leq :B) = Sub (rename \rho \land \Gamma \vdash A) A \leq :B
rename \rho (App \Gamma \vdash A \Gamma \vdash B) = App (rename \rho \Gamma \vdash A) (rename \rho \Gamma \vdash B)
rename \rho Skip = Skip
rename \rho (Seq \Gamma \vdash c_1 \Gamma \vdash c_2) = Seq (rename \rho \Gamma \vdash c_1) (rename \rho \Gamma \vdash c_2)
rename \rho (NewVar \Gamma \vdash c) = NewVar (rename (ext \rho) \Gamma \vdash c)
rename \rho (Assign \Gamma \vdash i \Gamma \vdash e) = Assign (rename \rho \Gamma \vdash i) (rename \rho \Gamma \vdash e)
rename \rho (Lit \Gamma \vdash i) = Lit \Gamma \vdash i
rename \rho (Neg \Gamma \vdash i) = Neg (rename \rho \Gamma \vdash i)
rename \rho (Plus \Gamma \vdash i_1 \Gamma \vdash i_2) = Plus (rename \rho \Gamma \vdash i_1) (rename \rho \Gamma \vdash i_2)
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