

S	\rightarrow	Newline $S \mid S_1$
S_1	\rightarrow	$AS_1 \mid DS_1 \mid \mathbf{EOF}$
A	\rightarrow	def ident $(I) : B$
I	\rightarrow	ident I_1
I_1	\rightarrow	$, \mathbf{ident} \ I_1 \mid \varepsilon$
B	\rightarrow	$CN \mid \mathbf{Newline} \ \mathbf{Begin} \ DB_1 \ \mathbf{End}$
B_1	\rightarrow	$DB_1 \mid \varepsilon$
C	\rightarrow	return $E \mid \mathbf{ident} \ C_2 \mid EC_1 \mid \mathbf{print}(E_1)$
C_1	\rightarrow	$[E] = E \mid \varepsilon$
C_2	\rightarrow	$= E \mid \varepsilon$
D	\rightarrow	$CN \mid \mathbf{if} \ E : BD_1 \mid \mathbf{for} \ \mathbf{indent} \ \mathbf{in} \ E : B$
D_1	\rightarrow	else $: B \mid \varepsilon$
E	\rightarrow	E_{or}
E_{or}	\rightarrow	$E_{\text{and}}E_{\text{or_tail}}$
$E_{\text{or_tail}}$	\rightarrow	or $E_{\text{and}}E_{\text{or_tail}} \mid \varepsilon$
E_{and}	\rightarrow	$E_{\text{not}}E_{\text{and_tail}}$
$E_{\text{and_tail}}$	\rightarrow	and $E_{\text{not}}E_{\text{and_tail}} \mid \varepsilon$
E_{not}	\rightarrow	not $E_{\text{rel}} \mid E_{\text{rel}}$
E_{rel}	\rightarrow	$E_{\text{add}}E_{\text{rel_tail}}$
$E_{\text{rel_tail}}$	\rightarrow	$O_rE_{\text{add}}E_{\text{rel_tail}} \mid \varepsilon$
E_{add}	\rightarrow	$E_{\text{mult}}E_{\text{add_tail}}$
$E_{\text{add_tail}}$	\rightarrow	$O_+E_{\text{mult}}E_{\text{add_tail}} \mid \varepsilon$
E_{mult}	\rightarrow	$E_{\text{un}}E_{\text{mult_tail}}$
$E_{\text{mult_tail}}$	\rightarrow	$O_*E_{\text{un}}E_{\text{mult_tail}} \mid \varepsilon$
E_{un}	\rightarrow	$-E_{\text{un}} \mid [E_1] \mid (E_1) \mid O_{\text{un}}$
E_1	\rightarrow	$EE_2 \mid \varepsilon$
E_2	\rightarrow	$, EE_2 \mid \varepsilon$
O_r	\rightarrow	$<= \mid >= \mid < \mid > \mid != \mid ==$
O_+	\rightarrow	$+ \mid -$
O_*	\rightarrow	$\times \mid // \mid \%$
O_{un}	\rightarrow	ident $\mid \mathbf{const} \mid \mathbf{True} \mid \mathbf{False} \mid \mathbf{None} \mid \mathbf{ident}(E_1)$
N	\rightarrow	Newline $N \mid \varepsilon$