- 1) let T be the set of all Terminals s.t.
 - a) $T = \{0,1,\#\}$
 - b) $N = \{S,B\}$
 - c) S => 1S0
 - => 10S10
 - => 101S010
 - => 1010S1010
 - => 10101#01010
- 2)
- => C₁;C₂
- => C₁;C₂;C₃
- $=> C_1; C_2; X:=e-e$
- => C₁;C₂;X:=y-e+1
- => C₁;C₂;X:=y-0+1
- => C₁;C₂;C₃;X:=y-0+1
- => C₁;C₂;while b do e;X:=y-0+1
- => C₁;C₂;while e>e do e:X:=y-0+1
- $=> C_1; C_2;$ while e>e do x:=e; X:=y-0+1
- => C₁;C₂;while y>e do x:=e+1;X:=y-0+1
- => C₁;C₂;while y>x do x:=e+1:X:=y-0+1
- $=> C_1; C_2;$ while y>x do x:=x+1:X:=y-0+1
- => C₁;X:=e;while y>x do x:=e+1:X:=y-0+1 => C₁;X:=e * e;while y>x do x:=e+1:X:=y-0+1
- => C₁;X:=e + (6) * e + (7);while y>x do x:=e+1:X:=y-0+1
- => C₁;Y:=42;;while y>x do x:=e+1:X:=y-0+1
- =>X:=5;Y:=42;while y>x do x:=e+1:X:=y-0+1