

## SDT 5.3

domenica 16 gennaio 2022 13:04

Modifiche di semplificazione alla grammatica: TOGLIERE "goto"  
(Modifiche in slot  $\rightarrow$   $\vdots$  e in bexpr)  $\text{do } \langle \text{bexpr} \rangle$   
 $\text{if}$   
 $\text{while}$

$\langle \text{stat} \rangle :=$  assign ...  
| print ...  
| read ...  
|  $\text{if } (\langle \text{bexpr} \rangle \text{ false} = \text{newlabel}(), \langle \text{bexpr} \rangle \text{ true} = \text{newlabel}()) \{ \langle \text{bexpr} \rangle \{ \text{emitlabel}(\text{bexpr.true}) \} \langle \text{stat} \rangle \{ \text{emitlabel}(\text{bexpr.false}) \} \langle \text{stat} \text{two} \rangle$   
|  $\text{while} (\langle \text{bexpr} \rangle \text{ false} = \text{father\_slot\_next}, \text{stat.next} = \text{newlabel}()) \{ \text{emitlabel}(\text{slot.next}) \} \langle \text{bexpr} \rangle \langle \text{stat} \rangle$   
|  $\{ \dots$

$\langle \text{bexpr} \rangle := \text{RELOP } \langle \text{expr} \rangle \langle \text{expr} \rangle \{ \text{emit}(\text{if\_relop\_label}(\text{bexpr.false})) \}$  eliminazione di goto