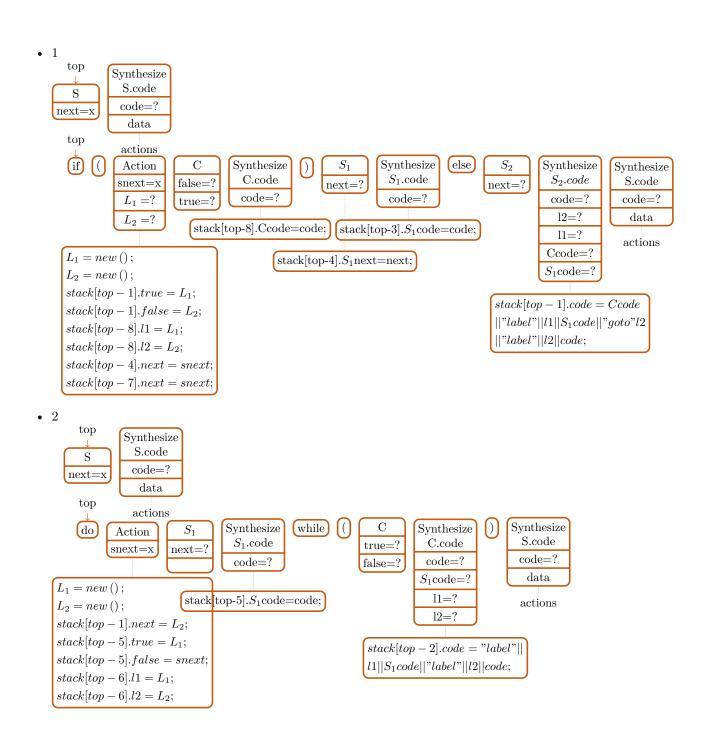
Compiler 5-3

孔静 2014K8009929022

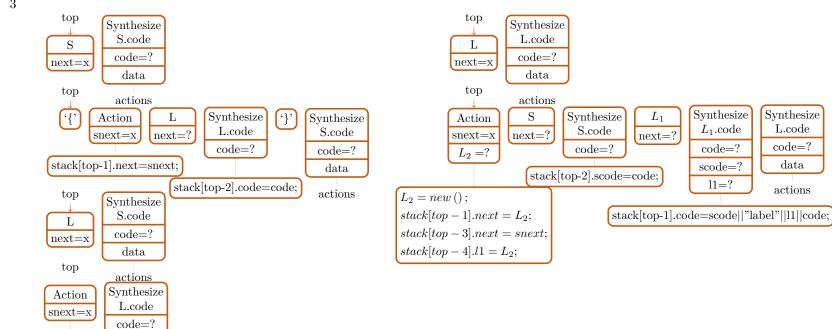
5.4.4

$S \to \mathbf{if}(C)$ S_1 else S_2	$L_1 = new()$
	$L_2 = new()$
	$C.true = L_1$
	$C.false = L_2$
	$S_1.next = S.next$
	$S_2.next = S.next$
	$S.code = C.code label L_1 S_1.code $ goto $S_1.next label L_2 S_2.code $
$S \to \operatorname{\mathbf{do}} S_1 \operatorname{\mathbf{while}}(C)$	$L_1 = new()$
	$L_2 = new()$
	$C.true = L_1$
	C.false = S.next
	$S_1.next = L_2$
	$S.code = label L_1 S_1.code label L_2 C.code$
$S \rightarrow `\{'L`\}'$	L.next = S.next
	S.code = L.code
$L \to L_1 S$	$L_2 = new()$
	$L_1.next = L_2$
	S.next = L.next
	$L.code = L_1.code label L_2 S.code$
$L \to \varepsilon$	L.code = ""

5.5.4







5.5.5

• 1

data

stack[top-1].code="actions

