Variabile	Produzione	Insieme guida
P	→ {P.next = newLabel(); SL.next = P.next} SL {emitLabel(P.next)} EOF	ID print read case while {
SL	→ {S.next = newLabel()} S {SL'.next = SL.next} SL'	ID print read case while {
SL'	→ ; {S.next = newLabel()} S {SL'_1.next = SL'.next} SL'_1	;
SL'	→ ε	} EOF
S	→ ID := E {emit(istore,ID)}	ID
S	→ print(E) {print()}	print
S	→ read(ID) {read(ID)}	read
S	→ case {WL.next = newLabel(); WL.end = S.next} WL else {S_1.next = S.next} S_1 {emitLabel(S.next)}	case
S	→ while({B.true = newLabel(); B.false = S.next; S_1.next = newLabel(); emitLabel(S_1.next)} B) S_1 {emit(goto, S_1.next); emitLabel(S.next)}	while
S	→ { {SL.next = S.next} SL }	{
WL	→ {WI.next = newLabel()} WI {emit(goto,WL.end); emitLabel(WI.next); WL'.next = WL.next; WL'.end = WL.end} WL'	when
WL'	→ {WI.next = newLabel()} WI {emit(goto,WL'.end); emitLabel(WI.next); WL_1'.next = WL'.next; WL_1'.end = WL'.end} WL_1'	when
WL'	→ ε	else
WI	→ when({B.true = newLabel(); B.false = WI.next} B) {emitLabel(B.true); S.next = WI.next} S	when
B	→ {C.true = B.true; C.false = newLabel()} C {emitLabel(C.false); B'.true = B.true; B'.false = B.false} B'	! (NUM ID

B' → || {C.true = B'.true; C.false = newLabel()} C {emitLabel(C.false); B_1'.true = B'.true; B_1'.false = B'.false} B_1'	||
B' → ε {emit(goto,B'.false)}	)
C → {A.true = newLabel(); A.false = C.false} A {emitLabel(A.true); C'.true = C.true; C'.false = C.false} C'	! (NUM ID
C' → && {A.true = newLabel(); A.false = C'.false} A {emitLabel(A.true); C_1'.true = C'.true; C_1'.false = C'.false} C_1'	&&
C' → ε {emit(goto,C'.true)}	) ||
A → ! {A_1.true = A.false; A_1.false = A.true} A_1	!
A → ({B.true = A.true; B.false = A.false} B)	(
A → E RELOP E {emit(if_icmprel, A.true), emit(goto,A.false)}	(NUM ID
E → T E'	(NUM ID
E' → + T E' {emit(iadd)}	+
E' → - T E' {emit(isub)}	-
E' → ε	RELOP) ; EOF } when else && ||
T → F T'	(NUM ID
T' → * F T' {emit(imul)}	*
T' → / F T' {emit(idiv)}	/
T' → ε	+ - RELOP) ; EOF } when else && ||

F → (E)	(
F → NUM {emit(ldc,NUM)}	NUM
F → ID {emit(iload,ID)}	ID