

Alg-3T(T)

Exmo 23/02/2018

$CT \leftarrow T; ST = SX = \text{NULL}$

~~Now~~

$LAST = \text{NULL}$

WHILE $CT \neq \text{NULL} \parallel ST \neq \text{NULL}$ THEN

IF $CT \neq \text{NULL}$ THEN

$RET = 1$

$CX = T \rightarrow \text{KEY} \text{ or } 2$

$ST = \text{push}(ST, CT)$

$SX = \text{push}(SX, CX)$

$CT = CT \rightarrow X$

ELSE

$CT = \text{TOP}(ST)$

IF $LAST \neq CT \rightarrow SX \text{ or } CT \rightarrow SX \neq \text{NULL}$ THEN

$A = RET$

$CX = \text{TOP}(SX)$

$SX = \text{POP}(SX)$

$CX = A + CX$

$SX = \text{push}(SX, CX)$

$CT = CT \rightarrow SX$

ELSE

IF $LAST = CT \rightarrow SX$ THEN

$Y = RET$

$CX = \text{TOP}(CX)$

$RET = CX \cdot b \cdot TKEY$

ELSE

$Y = 1$

$CX = \text{TOP}(SX)$

$RET = CX \cdot b \cdot TKEY$

$LAST = CT$

$CT = \text{NULL}$

$ST = \text{POP}(ST)$

$SX = \text{POP}(SX)$

$RET = RET$