

$E \rightarrow T \quad TT$
 $TT.st = T.ptr \quad E.ptr = TT.ptr$
 $TT_1 \rightarrow + \quad T \quad TT_2$
 $TT_2.st = new + (TT_1.st, T.ptr) \quad TT_1.ptr = TT_2.ptr$
 $TT_1 \rightarrow - \quad T \quad TT_2$
 $TT_2.st = new - (TT_1.st, T.ptr) \quad TT_1.ptr = TT_2.ptr$
 $TT \rightarrow \epsilon$
 $TT_1.ptr = TT.st$
 $T \rightarrow F \quad FT$
 $FT.st = F.ptr \quad T.ptr = FT.ptr$
 $FT_1 \rightarrow * \quad F \quad FT_2$
 $FT_2.st = new * (FT_1.st, F.ptr) \quad FT_1.ptr = FT_2.ptr$
 $FT_1 \rightarrow / \quad F \quad FT_2$
 $FT_2.st = new / (FT_1.st, F.ptr) \quad FT_1.ptr = FT_2.ptr$
 $FT \rightarrow \epsilon$
 $FT.ptr = FT.st$
 $F_1 \rightarrow - \quad F_2$
 $F_1.ptr = new - (F_2.ptr)$
 $F \rightarrow (\quad E \quad)$
 $F.ptr = E.ptr$
 $f \rightarrow const \quad st$
 $f.ptr = const.val$

1 + 3 * 4

