

6.17 forslag

Grammar Rule	Semantic Rule
$exp_1 \rightarrow \mathbf{let} \text{ dec-list } \mathbf{in} \text{ exp}_2$	$dec\text{-list.intab} = exp_1.symtab$ $dec\text{-list.locintab} = exp_1.symtab$ $dec\text{-list.outtab} =$ $exp_1.symtab + dec\text{-list.locouttab}$ $exp_2.symtab = dec\text{-list.outtab}$
$dec\text{-list}_1 \rightarrow dec\text{-list}_2 , decl$	$decl_2.intab = dec\text{-list}_1.intab$ $decl.intab = dec\text{-list}_1.intab$ $dec\text{-list}_2.locintab = dec\text{-list}_1.locintab$ $decl.locintab = decl\text{-list}_2.locouttab$ $dec\text{-list}_1.locouttab = decl.locouttab$
$dec\text{-list} \rightarrow decl$	$decl.intab = decl\text{-list.intab}$ $decl.locintab = dec\text{-list.locintab}$ $dec\text{-list.locouttab} = decl.locouttab$
$decl \rightarrow \mathbf{id} = exp$	$decl.locouttab = \dots$ $insert(decl.locintab, \dots)$