```
# Full example:
# load *(ebp - 4 + (edx * 4)) into eax
movl -4(%ebp, %edx, 4), %eax
# Typical example:
# load a stack variable into eax
movl -4(%ebp), %eax
# No offset:
# copy the target of a pointer into a register
movl (%ecx), %edx
# Arithmetic:
# multiply eax by 4 and add 8
leal 8(,%eax,4), %eax
# Arithmetic:
# multiply eax by 2 and add eax (i.e. multiply by 3)
leal (%eax,%eax,2), %eax
```