Arithmetic Operations: 
*accumulate* vs *Evaluate*

Notice that...

\[
\begin{align*}
& (\text{accumulate } - \{(9 \ 5 \ 2 \ 1\}) \\
& \quad 5 \\
& (\text{- } 9 \ 5 \ 2 \ 1) \\
& \quad 1
\end{align*}
\]

Why are the return values different?

Because *accumulate* processes data from right to left... ...while the arithmetic evaluation goes left to right!