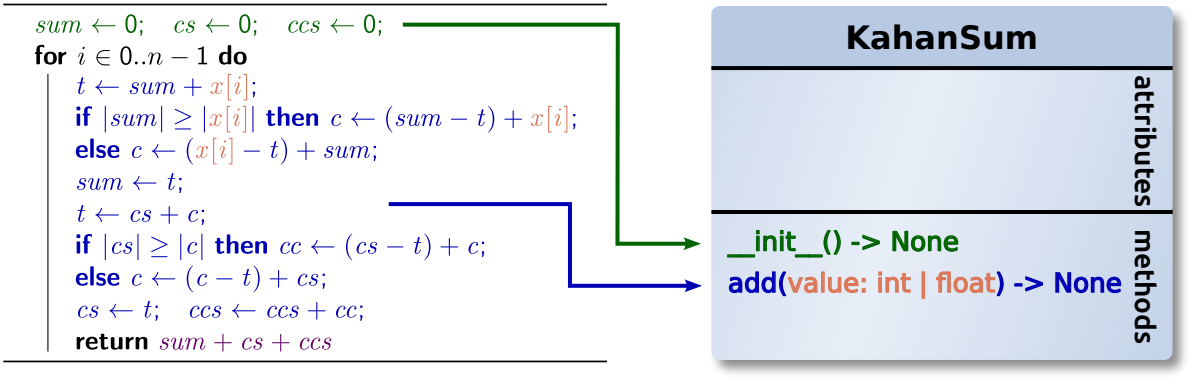
$sum \leftarrow 0;\quad cs \leftarrow 0;\quad ccs \leftarrow 0;$
for $i \in 0..n-1$ do
$t \leftarrow sum + x[i];$
if $|sum| \geq |x[i]|$ then $c \leftarrow (sum - t) + x[i];$
else $c \leftarrow (x[i] - t) + sum;$
$sum \leftarrow t;$
$t \leftarrow cs + c;$
if $|cs| \geq |c|$ then $cc \leftarrow (cs - t) + c;$
else $c \leftarrow (c - t) + cs;$
$cs \leftarrow t;\quad ccs \leftarrow ccs + cc;$
return $sum + cs + ccs$
KahanSum
attributes
methods
__init__() -> None
add(value: int | float) -> None