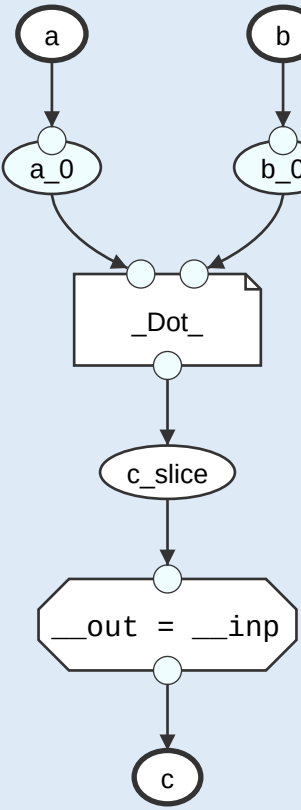
init $i = 1$

while $(i < (N + 1))$

for_35

call_36



update $i = (i + 1)$