**A.** What would be the effect of the call `copy_array(a+1, a, 999)`?
It will set each element $a[i]$ to $i+1$, for $0 \leq i \leq 998$.


**B.** What would be the effect of the call `copy_array(a, a+1, 999)`?
It will set each element $a[i]$ to 0, for $0 \leq i \leq 999$.


**C.** .
Part B has lower performance because it will load the value we stored to the memory in the previous iteration, which causes a write/read dependency.


**D.** What performance would you expect for the call `copy_array(a, a, 999)`?
It would have a CPE of 1.0, since there are no dependencies between stores and subsequent loads.