



**SPECTRE: SPECTULATIVE EXECUTION**



A



B



c

D

E



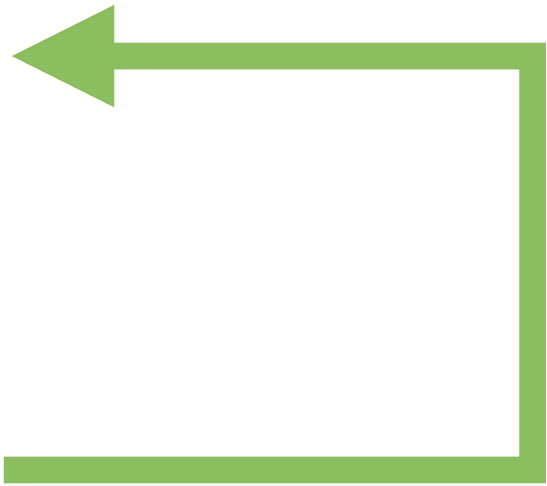
**A**

Currently active instruction





conditional branch



**A**

**B**

c

**D**

**E**

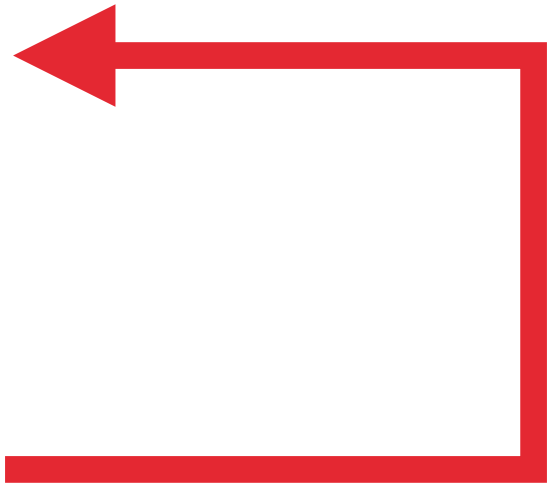
COUNTER



Simple variable used in branch

3

counter



2

1

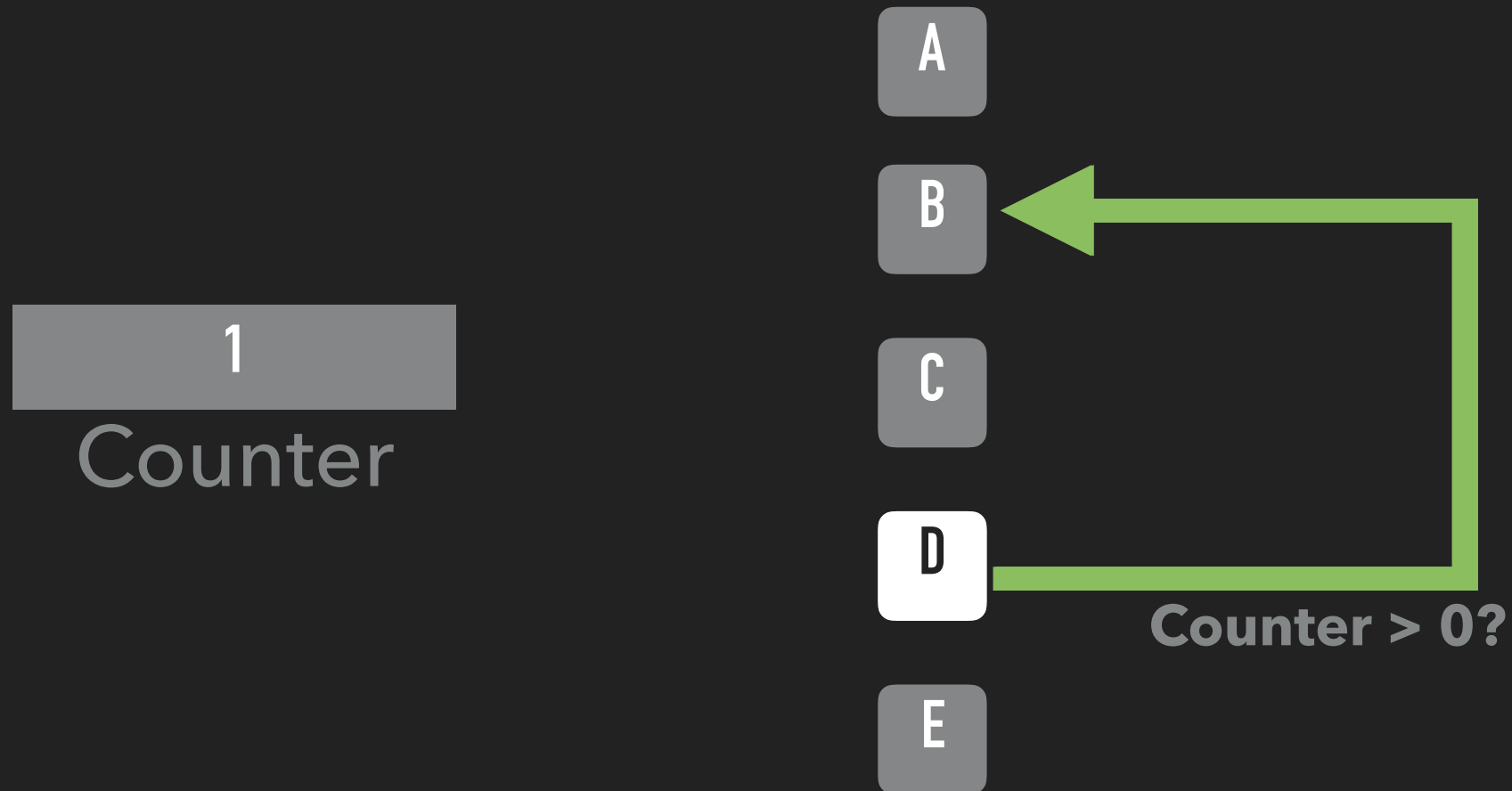
0

counter=0?

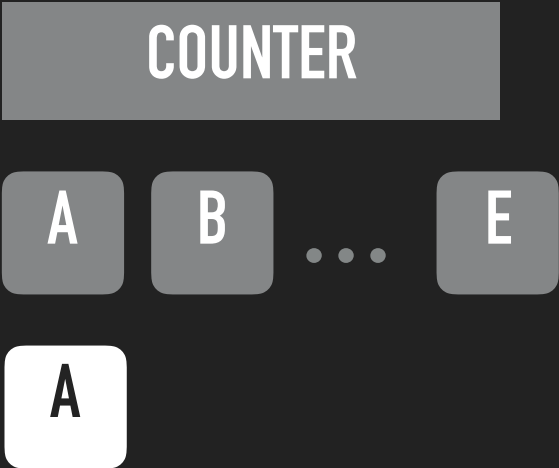
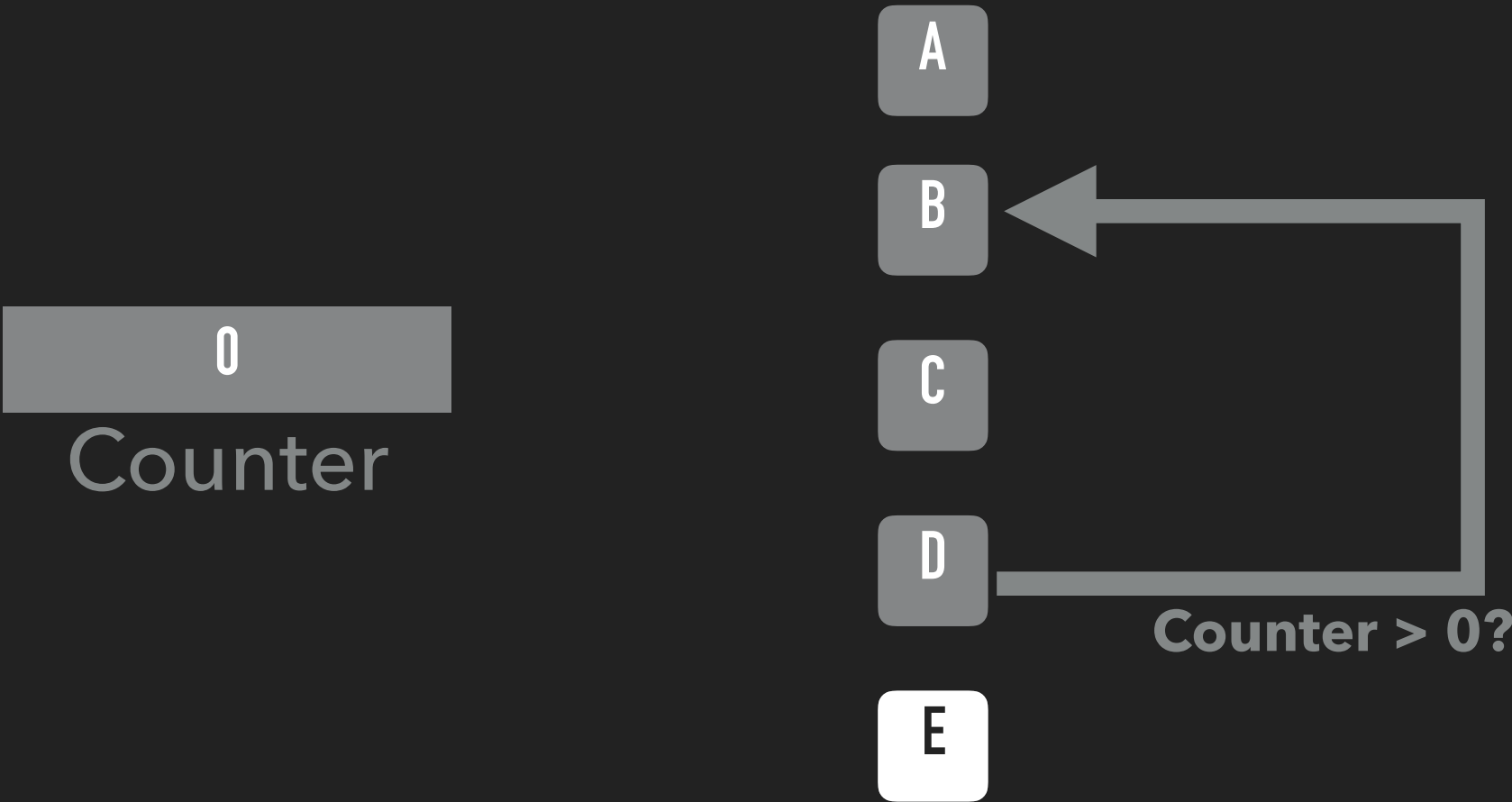




# SPECTRE: SPECULATIVE EXECUTION



# SPECTRE: SPECULATIVE EXECUTION



- Some variable used in branch
- Instructions
- Currently active instruction
- Conditional branch