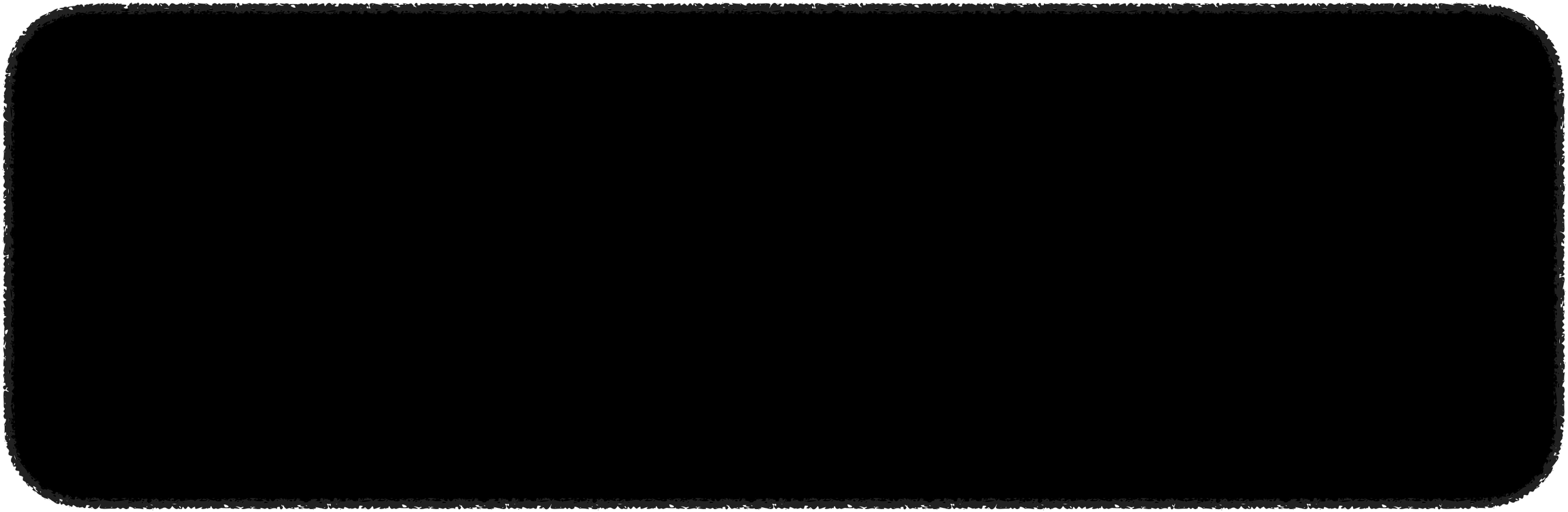
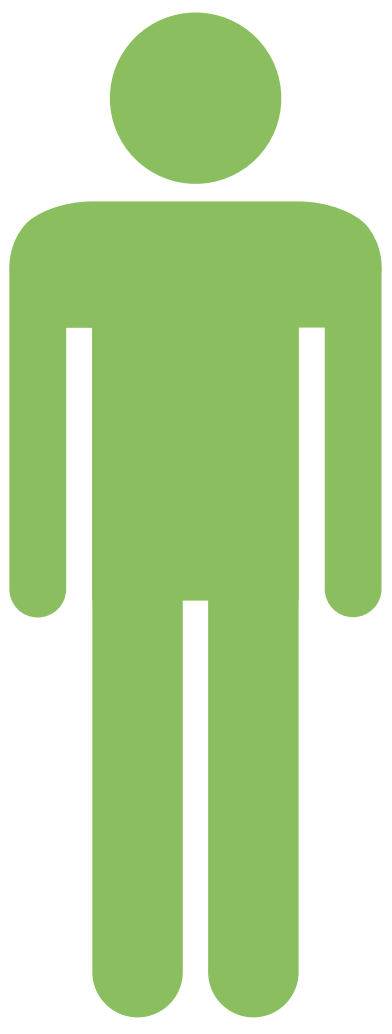
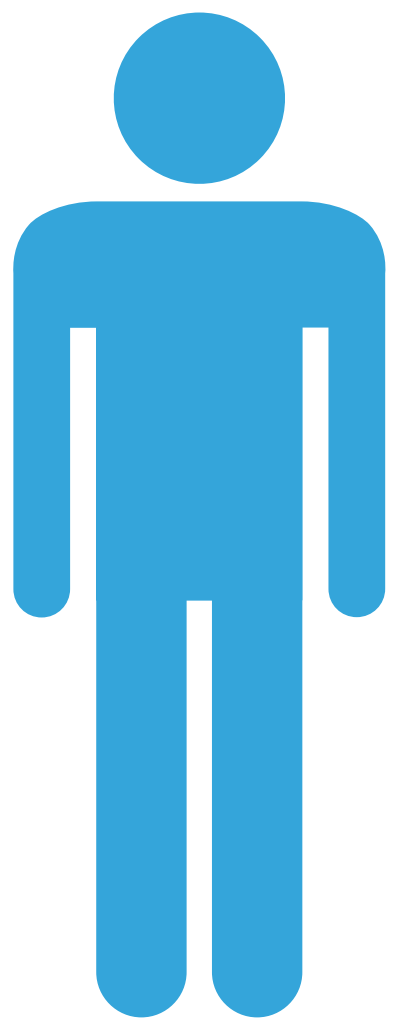


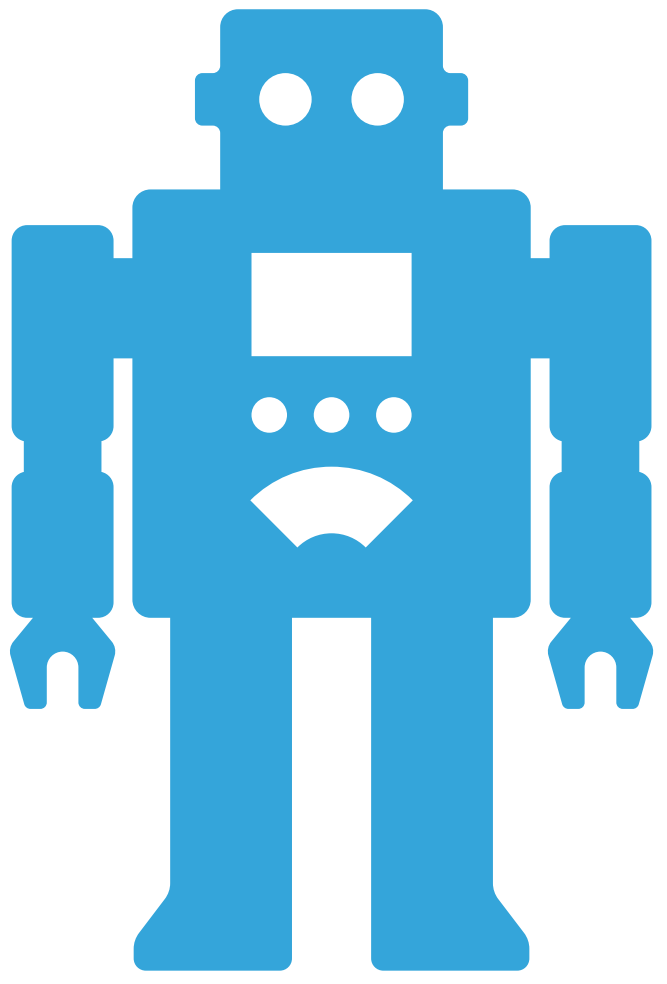
MELTDOWN & SPECTRE FOR NORMAL PEOPLE

CONFIDENTIAL BURGERS INC. : ORDER IS IMPORTANT

18





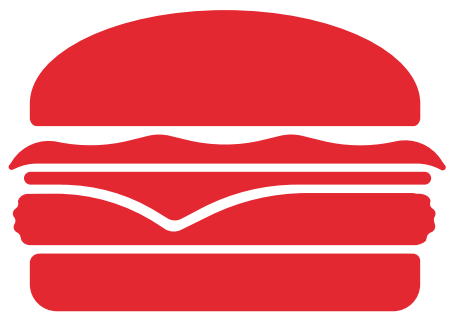


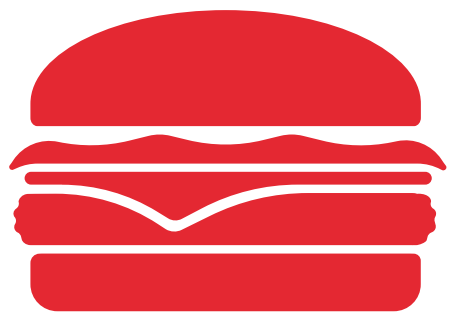
The green instruction will finish before the red instruction.

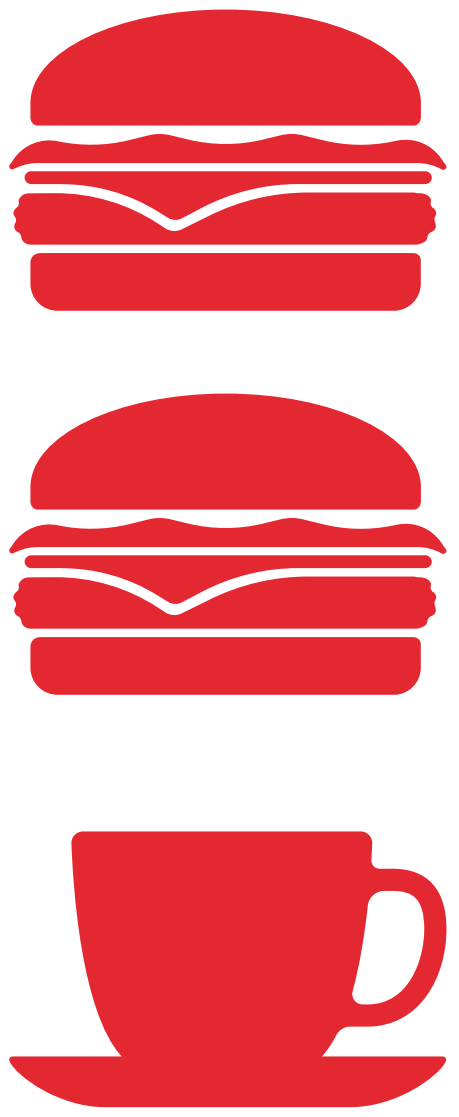
The CPU ensures that red is seen before green.

Instruction

CPU core

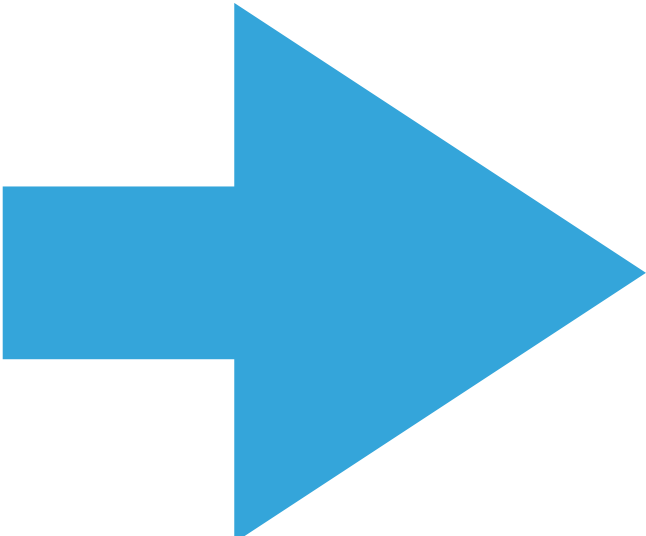




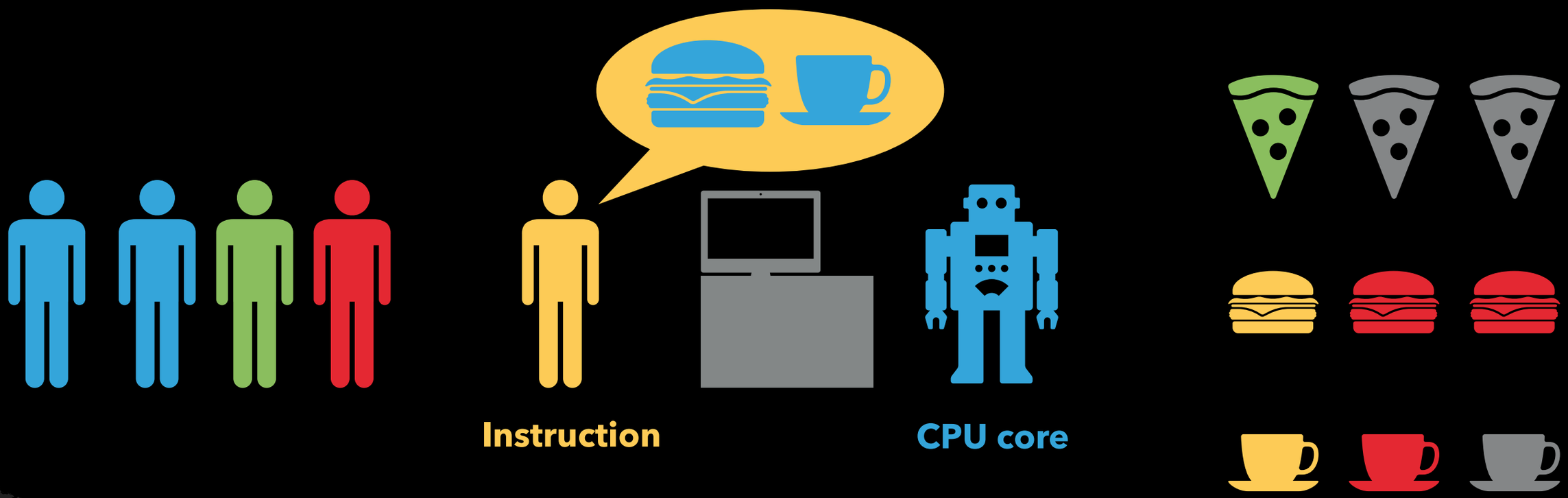


Actual μOP execution order

Instruction execution order as seen



CONFIDENTIAL BURGERS INC. : ORDER IS IMPORTANT



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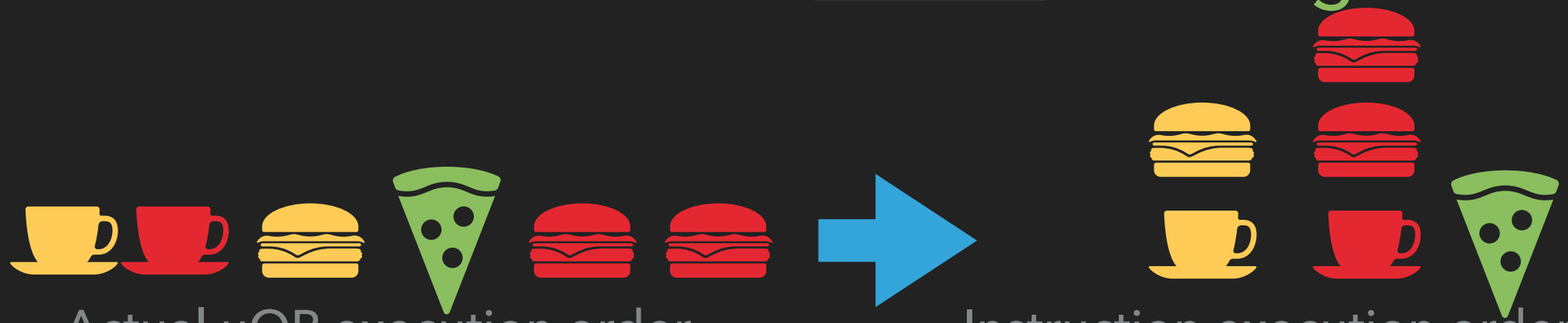

WHY DID MELTDOWN & SPECTRE HAPPEN?