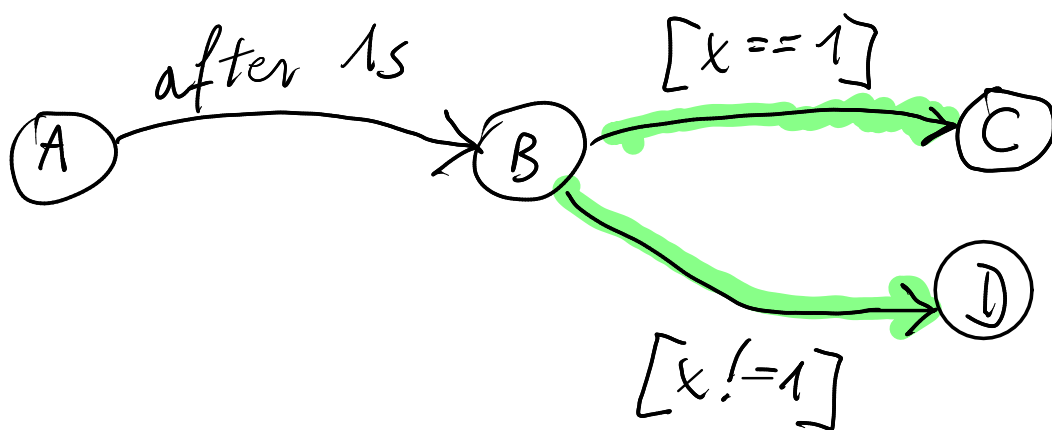


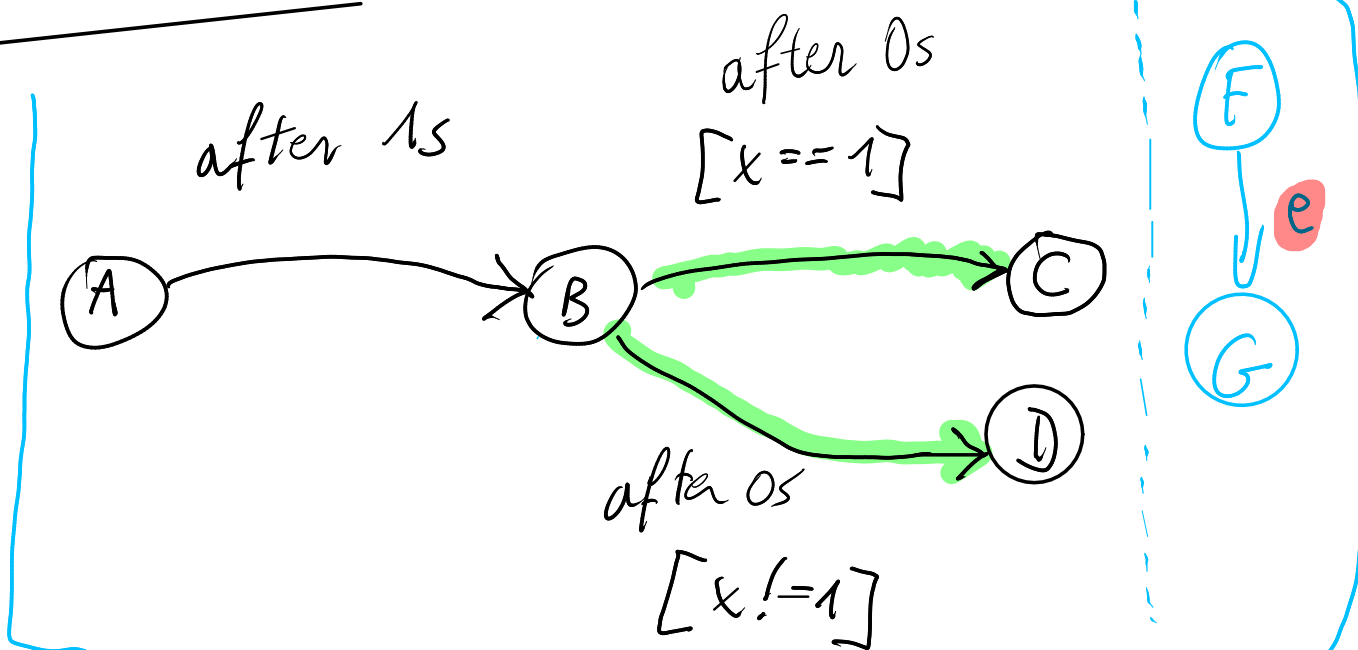
Suppose we want to go from (A) to (C) or (D) after 1 second, depending on whether  $x == 1$  ...

INCORRECT!

One of these transitions won't be made until the next input event arrives!

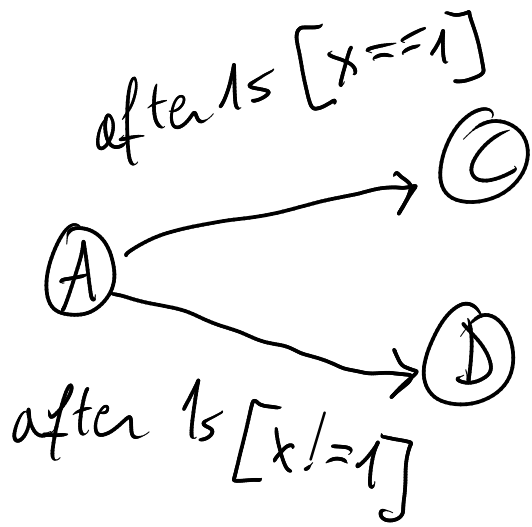


ALSO INCORRECT! (even though it may appear to behave correctly)



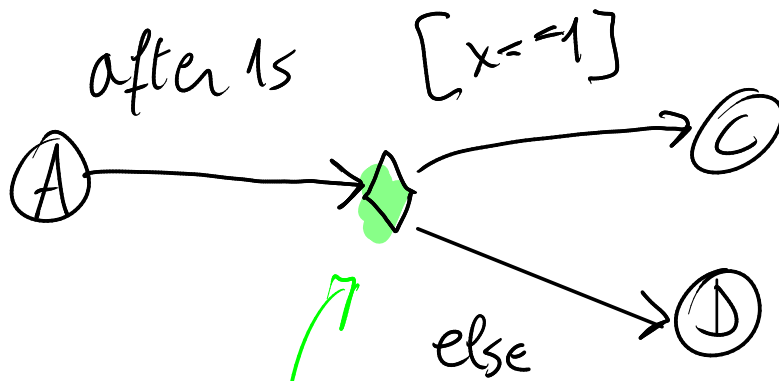
Incorrect, because an input event  $e$  could be handled before the transition from (B) to (C) or (B) to (D).

# CORRECT SOLUTION #1:



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# CORRECT SOLUTION #2:



most readable!



"choice" node in YAKINDU