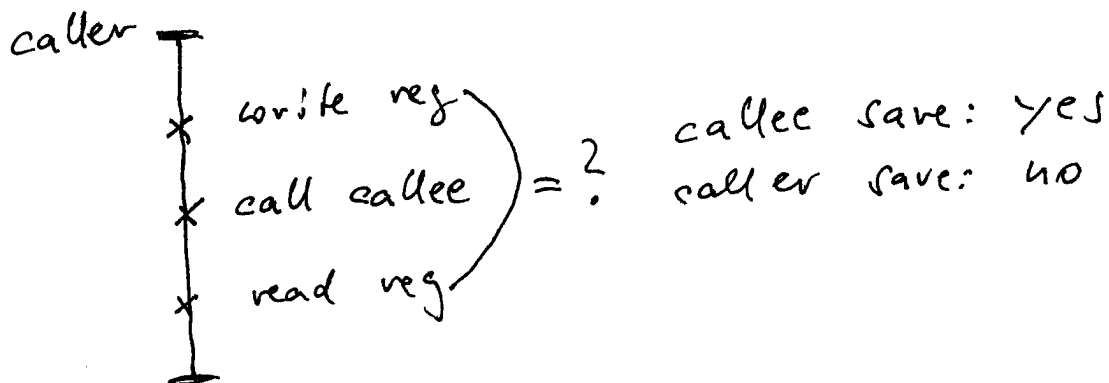


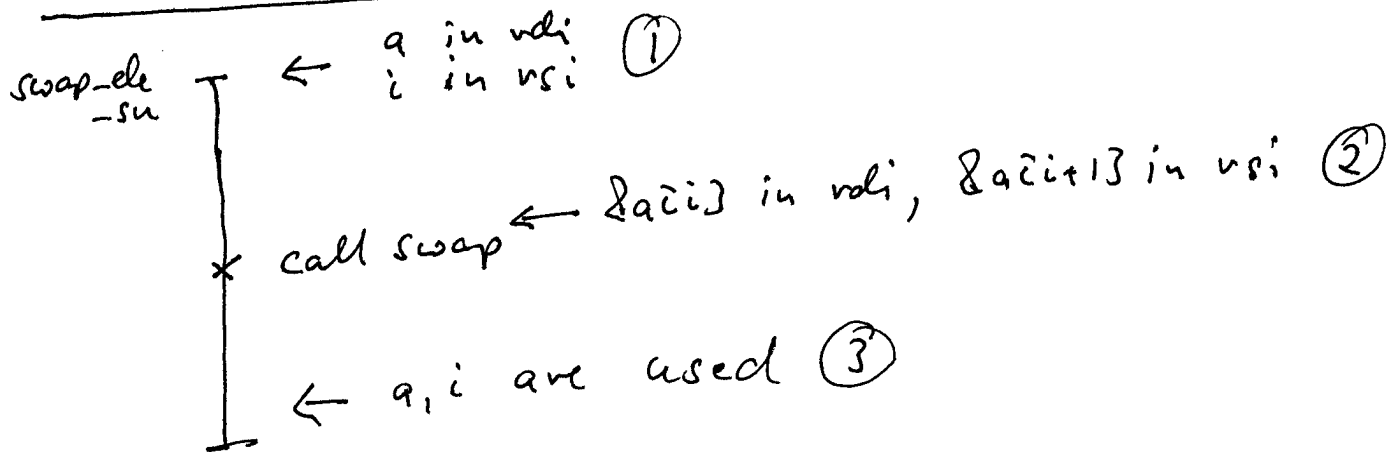
Notes: Lecture 8

caller save: - caller has to save if register content should survive proc. call
- callee can do what it want

callee save: - callee has to save if it wants to use it
- caller knows register is not overwritten



on swap-ec-su, slide 13:



(1) and (2) \Rightarrow a, i moved to other registers reg1, reg2

(3) \Rightarrow reg1, reg2 callee save

[here: reg1 = r12, reg2 = rbx]

\Rightarrow reg1, reg2 have to be written to stack and restored later