

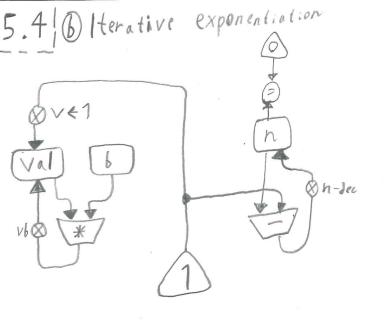
(assign val (op \*) (reg val) (reg b))

(goto (reg continue))

( (cassign val (const 1)) (goto (reg continue))

base-case

expt-done)



(controller
(assign val (const 1))

expt-loop
(test (op =) (reg n) (const 0))

(branch (label expt-done))

(assign n (op -) (reg n) (const 1))

(assign val (op \*) (reg val) (reg b))

(goto (tabel expt-loop))

expt-done)

Simples. It's almost as if the survival so if the survival machine to man afterwards. Note, through, that the reheme survival expt function is simples that the absolute expt.

Does recursion "create" petentially complexor iteration makine? Who knows!

Scring kyrker markine versions wally homener home the "built-up" versus "in-place Partial solution" descriptions from chapter 1, though.