

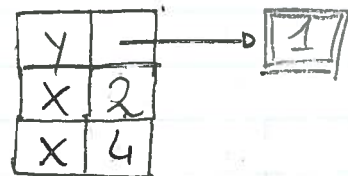
let $y = \text{ref } 1$ in



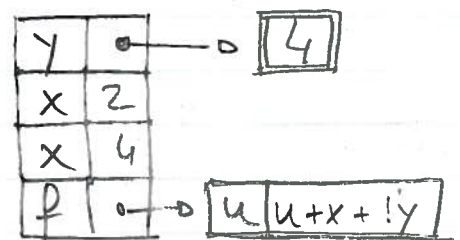
let $x = 2$ in



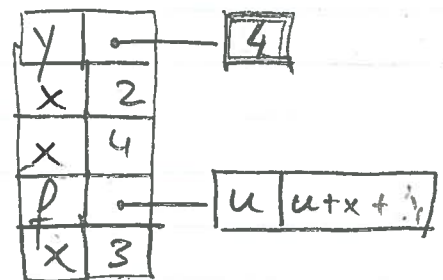
let $f = \text{let } x = !y + 3$



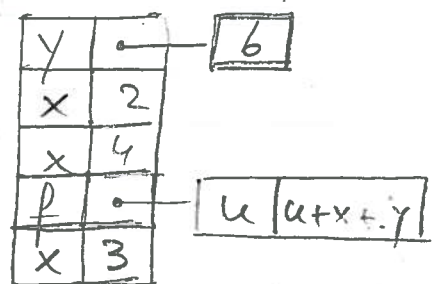
in $(y := 4; \text{fun } u \rightarrow u + x + !y)$ in



let $x = 3$ in



$y := !y + 2; f(!y + 3)$



(* call to f with argument $u = !y + 3$
 $u = 6 + 3 = 9$)

is executed.

thus $f(9)$ computes $u + x + !y$
 $9 + 4 + 6$

and the output is 19 *)

After execution of $f(u)$
 STACK IS EMPTY.