$$(car \times) \qquad f(x) = (e, p')$$

5.0 e is (+ x y) (i) H(P(x)) EM, H(P(y)) EM P, (P, Z, e):5, H, + xy ~ f, s, H[P(2) -> + H(P(x)) + H(P(y))], e P(x) = (e, p') (ii) f, s, H, + xy ~> P#P, (P, x, +2y):5, H, e H (P(x)) EN H (P(y)) = (e, p') f,s, H, +xy ~> P+P, (P, y, +xy):s, H, e 6. Call to function (define (f g)) er) P,S,H,f ₹ → [P(x)/y],S,H,ec After evaluating the function body, The p, x and cout. are picked up from the stack.

LC- Create Ly apdate 7. P,S,H, let x = s in e ~ l-new loc $x \mapsto l: P, S, H \left[l \rightarrow (S, x \mapsto l: [P]_{Fv(s)}) \right], e$ \times - (e, ρ ') 8 0 P, S, H, return x ~ P++p, S, H, e x_w(whnf) 81 P, (P', Z, e): s, H, return x ~ P', S, H[P(Z) |WN], e [], ([], result, print result), { ?, emain

