Types for references We will pretend that the F# shortcuts are part of the core language expressions :== ... | e, := e2 | !e | refe | () | ... types :== ... / T ref / unit / ... PH was (): unit Pre: T Pr refe: Tref Pre: Tref 17+ e,: = e2: unit let increment (x: int ref): unit = x := !x+1 P = x: int ref P+1: int P+!x: int P + x := |x+1|: unit I't x: int ref + fun (x: int ref) -> x := !x+1: int-ref sunit