a'=> up (DO, K) Instead of moving this, we move 5 other conditions. (QAd=min(x1y)) => (QA + be[d+1...min(x1y)]:7(b/x18/y)) 1. Q => hu Now d = min (x,y), then the interval [min (x,y)+1... min(xy)] ts empty. HEED: 2. Im 178 > 2 In our case: (alt & E (d+1 ... min (x1y): 7 (& (x1x1))) 177 (d/x1d/y) dlx Adly, liquals to R. the negation of 1 m 17 => R the loop wondition 3. 1m => 1 v 77 Im => 7 (d/x/d/y) v (d/x/d/y) as d≠0 beause dilNt 4. lw/1=> t>0 luv 1 => d>0 V, as d: N+ 5. hur ATA t=to = up (So, hur t < to) for any to ETL Inv 7 (d/x/d/y) ~ d=to => wp (di=d-1, hur ~ d <to) (hund deto) ded-1 1 d-1 ENT RHS formla: + & ∈ [d. . min (x19)]: 7 (8/x12/y) 1d-1×to1d-1€N+) break the formula into two parts + k € [d+1-min(x1y)]: 7 (k/x, kly) } since Inv 7 (d/x, d/y) included in liw d-1260 rd-1ENT as d=to as d: N^t and d≠1 (T)