Dynamic Connectivity - Quick Union

Find => check if proof (P) == proof(2)

Union => set proof (P) to the proof (Q).

361 91001 (1)	-/-
step b	
i 0 1 2 3 4 5 6 7 8 9 index [ ] 0 1 2 3 4 5 6 7 8 9 ]	
step1 > union (9,0) >	
indesci) 9 1 2 3 4 5 6 7 8 9	
step2 > union (3,4), union (8,6)	9 3 8
i 0 1 2 3 4 5 6 7 8 9 index[i] 9 1 2 3 3 5 8 7 8 9	9 3 8
$\underline{\text{Step 3}} \rightarrow \text{union (3,6)} \Rightarrow \underline{\text{9100t(3)=3}}$	
indeseco 9 1 2 3 3 5 6 7 8 9	ST TH
step4 union $(0,8)$ , $\Rightarrow$ snoot $(8) \Rightarrow 3$	9

