



3) Aggregate = T(m) /n Multipush = Knear with respect to A (Kobjects) Sequence of n operations = n. O(A) = O(nA) Aggregate = T(n) = O(nA) - O(n) Where A = K objects 4.) function FIDD-SET(X) If follow pointer from X back to its Set object roturn Head (First) return X. Set. first Tunction Union (x,y) Il weighted hueristic is Set . Size Sety = y. Set if Setx. Size Z Sety. Size 11 set last member of x to representative of y Setx. last. next = Sety. first Il update all of y members set property to point at X While Sety. first & NIL Sety. first. Set = Set X Suty first = Sety first next Setx. last = Sety. last Setx. Size = Set x. Size + Sety. Size // Destroy set object for ys list. Details for this Do not Else // handle appending X to y Sety.last.next = Setx.first While Setx.first 7 NIL Set x . first . Set = Sety Setx of vist = Sety of inst onext Sety last = Set x . last Sety size = Set x . Size + Sety . Size