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Q 4.c

$\min d(a,d) + d(b,d) + d(c,d)$

Algo:

// First find which string is closest to the other 2

dist(a) = d(a, b) + d(a, c)

distb = d(b, a) + d(b, c)

distc = d(c, a) + d(c, b)

mindist ∈ Min(dista, distb, distc)

if(mindist == distA) { d = a , distD = distA }

if(mindist == distB) { d = b , distD = distB }

if(mindist == distc) { d = c , distD = distC }

// Set d to the string closest to the other two

// d(d, (found min)) = 0