Exercise 1 One can simply use the the respective definition of intersection and union in the case of mulbisch and thus Construct a Similarity metric Hat is cencelagous to the Jacard Sinilarity Jac-muls: (A, 3) = (A 0 3 1 , whee An 13 is the largest multised that is a multisubset of A and Brice. ac A and ac B = > ac AnB, cend AUB is the smalless multiset such that A and B core multisubsets of et. A = { a, a, b, b, b, c, d, d} Example: B = { b, b, qc, c, d, d, e} => AUB = { a, a, b, b, c, c, c, a, a, e} ANB = Eb, b, e, d, old 3 So in the where both multisets are in fact sets, this similarity metric corresponds exacky to he Jaccarl Ismilesty