2/10/20 9 SLANDS REVANTH.R 18M18C5082 count Islands (int aux [2] [y]) d= Disjoint set (n «m) for it to to it = 2 for j=0 60 j= y if (a [i) [y] = = 1)

iif (a [y+()] [y] = = 1) d. union (i, j, it, jst) af (a Cj+() [j+1) ==() d. union (i, j, it, jt) d. union (vi, j, i, j-1) ---count = 0, 100 per C[x x y] = {03 for i=0 to n for j=0 to y af (a [i] [j] = = 1) X = d. find (i, j) if (c(x) = =0) Count + + C(S) ++ else C(x)++ return count alexanth.