ind n. Number of Islands Parageon P.SAI DEEKSHI LAB-3 Count_Islands (int al][10] 1/n - now for (int i = 0; i < n; j++) 1/m-columny falinkero, kem, ett.) i) (ali][k] == (A) & 118 neighbown il(i+1 < n 22 a[i+1)[k] == 1) Union (jam + k, (j+1) m + k) [[-1>=0220[j-1](k]==1) union (jam + k), (j-1) x (m)+k) [(K+12 m 22 a[i][k+1]:1) Union (9×m+k, 1×m+k+1) id(K-1>088 a[i][k-1]==1) Vaion (9×m+K,1×m+k-1) i) (i+1 < n 22 K+1 < m 22 a[i+1][K+1]==1) Union (i om + k (it) mtkt) 1 (1+1 × n 22 K-120 28 Union (; = m+R, (i+1) * m+ K-1)

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1 (1-17=092 K+12m22 Union (i*m+t, (i-1)*m+k+1), 1 (1-1>=0 22 K-1>=0 22 a[9-1][K-1]==1) Union (**m+k, (1-1), I we ned to consider another average

(to check the gregorieny of early set int c[m][m]; for (int 1203 icn; 1++)

for (int 1203 icn; 1++)

{ por (int j=0; j<m; 8-1+)

{ alistij=2=1) int n= find (iom+ f); Cont'ce" Court of Islands = " << Court = Endl; }

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