Show that if X is normal every pair of disjoint closed sets have neighborhoods whose closures are disjoint let AB be disjoint closed subsets of X. Let U, V. be disjoint open sets containing A.B. Then U, OB = \$ let U2, V2 be dispoint open subsets containing U, B then V2 n U, = \$ thus U, Tz are the readed Sets 🗟