Inv_count = 0

for i 0,..., n

For J 1,..., n-1

if A[i] > A[J]

inv_count ++

return inv-count

3 If ISI = 1 return the one card

if 151 = 2

test if the 2 cards are equivalent

return either card if they're equivalent

Let S, be the set of the first [n/2] cards

Let S2 be the set of the remaining cards

Call the algo recursively for S1.

If a card is returned

then test this against all other cards

If no card with majority equivalence has yet been found then call the algo recursively for S2

IF a card is returned

then test this against all other cards

Return a card from the majority equivalence class

if one is found