	Assignment 3
7	Sitting the second control of the second con
	1) 1900 1 190 1 1 1911 12 1
A.	i) K Proper (ad list, Blue V, Green V)
E	bool chedeser = the
6	for each element in the adjust (i)
	for each item ady to i (j)
L	If BlueV contains; and BlueV contains
	My the contract of the contrac
	Green Green Leontains i and Oween untains j
5	check = false woll silve with
	end if
5	end fo
5	and for
	refum cheuser
	the first says the state of the
	ii) Can be colored proper connot be colored proper
	(G) (G) (G)
	6)
	6)
	ii) An algorithm to determine whether a graph can be
	An algorithm to defermine whether a graph can be properly colored reads to chack if two unique hots have a common element. The running time for this algorithm would be O(E) because we need to go through the entire adjunctive
	a common element. The running time for this algorithm
	word be O(E) pecause we need to go through the entire agreement
(	b)
	$1 \times 1$
	1) Dij = Max (Dik, Dij) 3) Dij = Max (Dik, Mi)
	1) $D_{ij} = Max(D_ik_j D_{kj})$ 3) $D_{ij} = Max(D_{ik_j} P_{kj_j})$ $D_{ij} = Max(P_{ik_j} P_{kj_j} A_{lk_j})$ $A_{lk_j} = A_{lk_j} A_{lk_j}$ $A_{lk_j} = A_{lk_j} A_{lk_j}$
	RUJ FILKTISTICK)

C) m= largest number between i and K

n = largest number between K and v

Combinational: Given a items with wights w., wz,..., was and K people to carry the Herns find the most even distribution

Decrease Green in Hems weights w, wz, ..., wn and K Pople to carry the items find some number w, 18 there a distribution where any person Kn courses at 1905t w

This can be transferred to the bir problem because
If you were to change the weights to ozes, and
people to low size the problems would be the save.