AIML-Assignment-2. Know already Les 3 621 A 8 11 B(1, A) and (c, 1) and (c, 1) a since the difference26130 MgA isps 0,112,3,4,5,677,8,99,00 3000 3000 30000 \*There's a carry over here
so [G=1] ozs+L= Eos(or) 10 t Eubnorin 29 3 E+L = S (or), 210/15 - 12/2019 11 '3' combination & constant = 142 , wolf ? substitute E=s+L sxx. it. \$+L+L=\$10+\$(s.r) = 2000 combination we are: [L=5] 1 S] EA S E+L=S (5 : 10)  $\times$  ... E+S=S (6 : 1)  $\times$  ... E+S=S (6 : 1)  $\times$  ... E+S=S-S (7 )  $\times$  ... E+S=S-S (7 )  $\times$  ... another combit artic. Now (ef 1(E+1148) another combir

\* In the above combinations we know already L=5, G=1 A 3 we can remove (5,0) and (6,1) since the difference blw 189 Et isps. since we have a carry, p. E. s. 1.0 2B=A+10 \*There's a carry  $2B \ge 10$  B > 55 is already assignmed to 12'so 'B' is greater than's. combination B can be either 6,7,8,9 Let's take 1+2=3 soutileaux B=6, S=(7,2) + 0) = 1+1+1B A SUDE 0)=1% 8 A L L 15 = 7 2 - 1+3 G' A2 M4 E2S Botho A and E can't be same no Now let's take another combination L(1 , P)

$$\frac{7}{8}$$
  $\frac{4}{A}$   $\frac{8}{5}$   $\frac{3}{5}$   $\frac{1}{8}$   $\frac{7}{4}$   $\frac{4}{5}$   $\frac{8}{5}$   $\frac{7}{4}$   $\frac{7}{5}$   $\frac{1}{5}$   $\frac{1}$ 

a. variables:  $X = \{NA, NT, G, NSW, V, SA, T\}$ 

Domains: Di=18 red, green, blue ? constraints: adjacent regions must have different colours.

NA = red, NT = green, a=red Nsw=green, v=red, sA=blue, T=red

