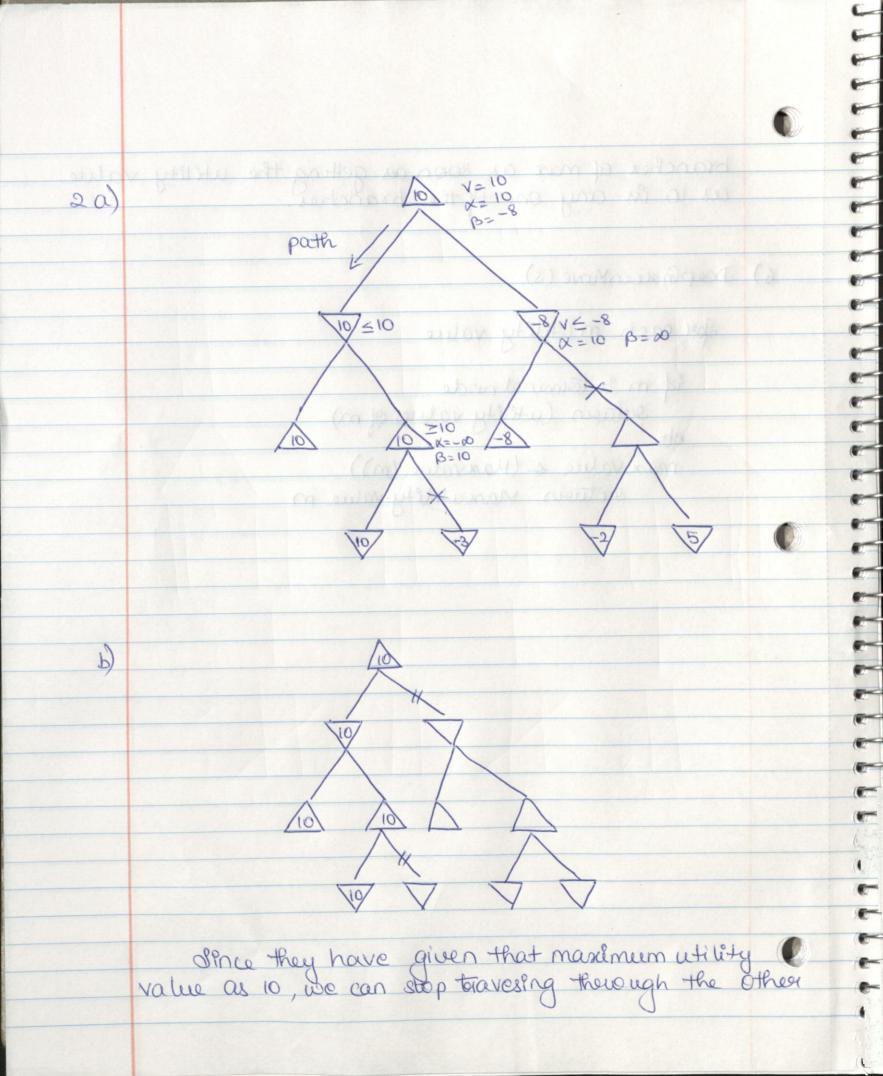
Asichitha Hasinath 1001657433 1) 0 (+1) Sporth 0 0 (-1) (+1) X 0 (-1) 0 0 0 X 0 X 0 XO X K 0 X X X 0 OX (+1) (+1) (+1) (41) 0 0

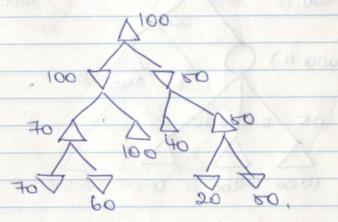
Power



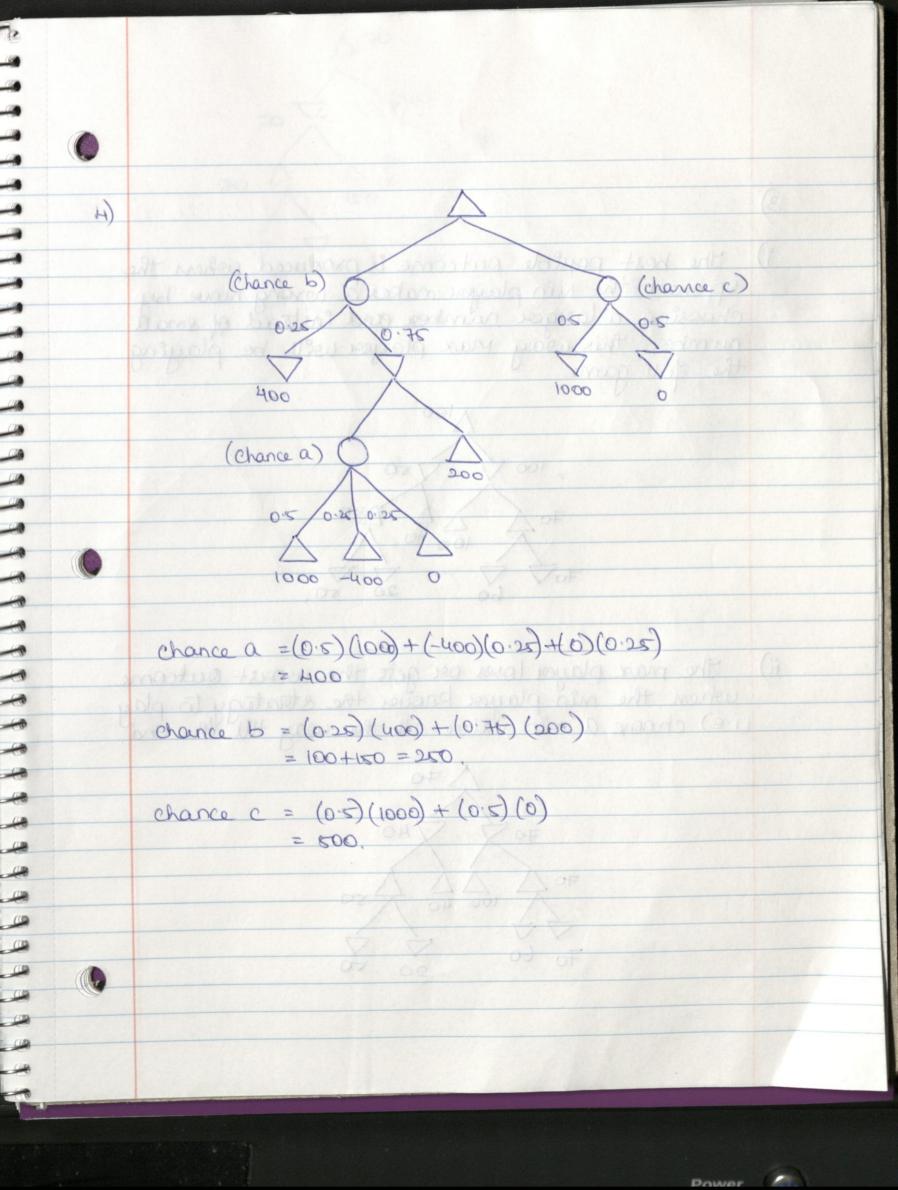
branches of max as soon as getting the utility value as 10 in any one of the branches 6) Deep Grocen Move (s) for each mutility value if m & terminal node action (utilety value of m) man value ((Haxvalue (m)) octuon manufility value m (

i) The best possible outcome is produced when the opponent the rule player makes a wrong nove by choosing a larger number and instead of small number. This way max player will be playing the full game.

3)



ii) The max player loses or gets the worst outcome when the min player knows the strategy to play (i.e.) choose a min value all the way till the end.



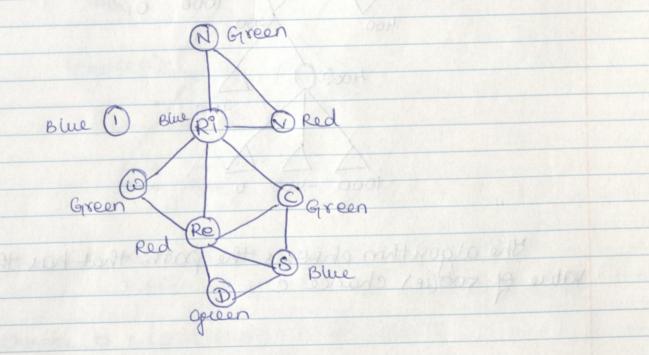
Dution: 200 000 2000 1000 0. 200 400 400(0) 200 1000 -400 The algorithm chooses the path that has the value of roo(ie) chance à N=60000 59 = 99 bog= V wild = 79 wild = 7 00968=4 HE was soon use these intermediate to graphing the

- 5) constraint graph.
- a) variables = {N,1,v,Ri,w,c,Re,s,D3}

 Domain = {Red, green, Bluey

 constraint = No two Sections sharing a border should have

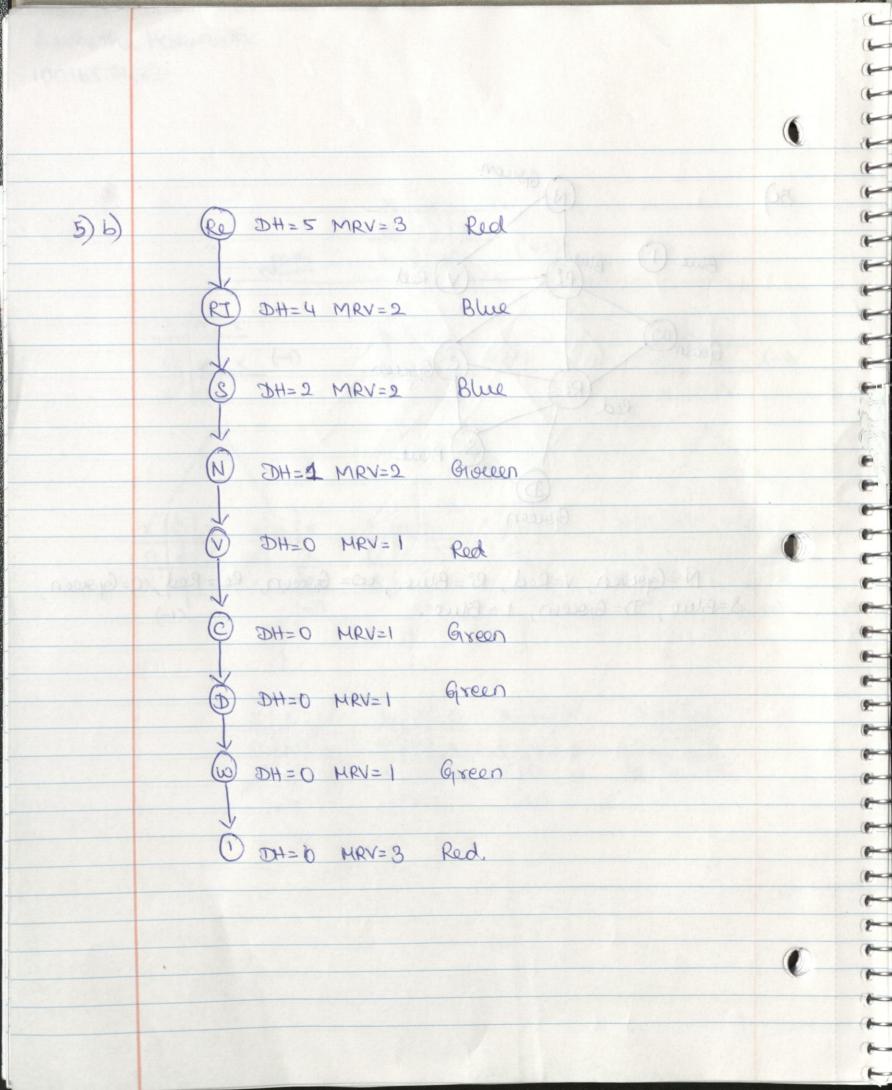
 Same color.



The colors arrighed to the variables are

N=Green, J=Blue, Ri=Blue, V=Red, Re=Red, W=Green, C=Green, 8=Blue, D=green.

yes we can use this information to simplify the powdern



Green Blue (1) Goun Blue Goeen N=Goron, V=Red, Ri=Blue, LO= Goron, Re=Red, C=Goroen, 8=Blue, D=Grocen, 1=Blue. DE JEVAN OFHE