Name: - Rushikesh Belekar

Rollno:- 05

Class: - BE IT

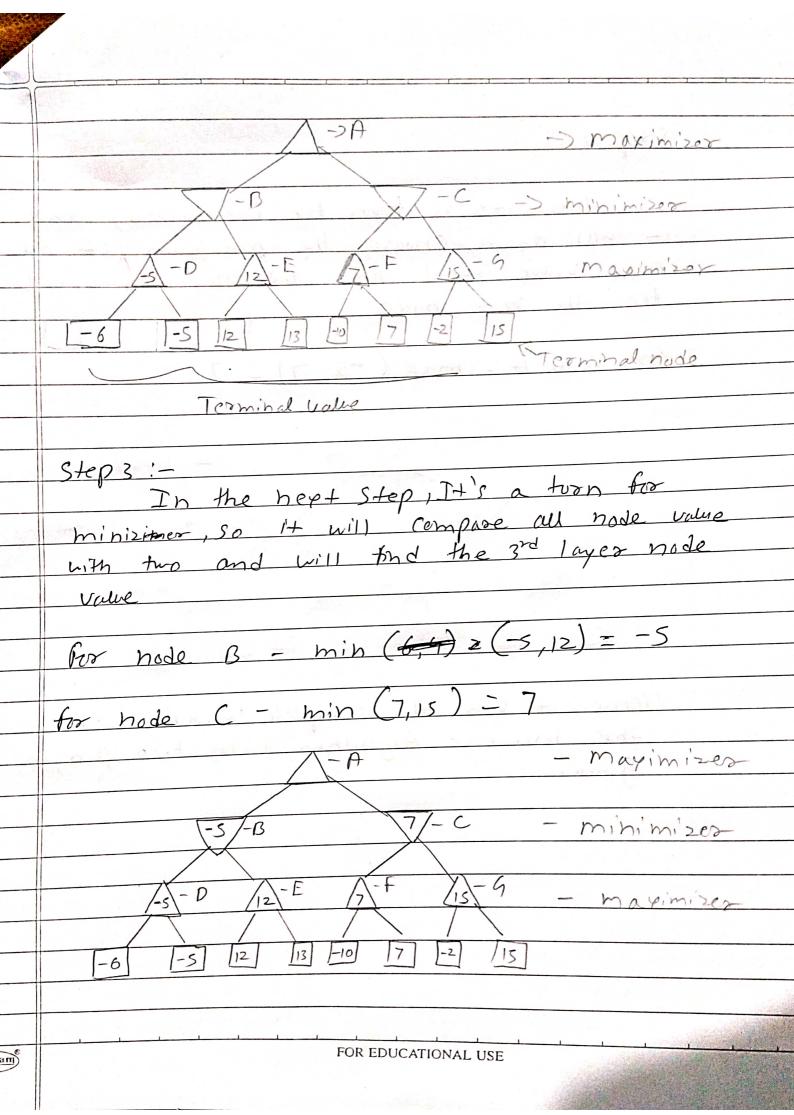
Subject: - 15 lab

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	могим нем неменяем предменяем предменяем подоставления под 1960 г. быль доля дорого доля дорого под 1960 г. быль доля дорого под 1960 г. быль доля дорого под 1960 г. быль до	kirkituskoja uning altotilistis o Ohako eaarpoureitus y jalitik oparrualahaa esseria agastaya dashagui larvar jagasa fili savar	

x Min-May Algorithm:-Min-map Algorithm is a recursive or backtracking algo which is used in division making and game theory. It pooride on optional move for the player assuming that appoint is also playing optionally · min map also uses recursion to search through the game toce · In this also two player play the game, one is called map and other is called min · min -map algo is mostly used for gome playing Step1:- let take A is the initial state of the tree Suppose maximize take flost tron (when or) which has worst case in had value = - in finity, and minize will take nept tron which has worst (age Initial value = + in finity Node A > maximizer -> B -9 -> mapinize FOR EDUCATIONAL USE (Sundaram)

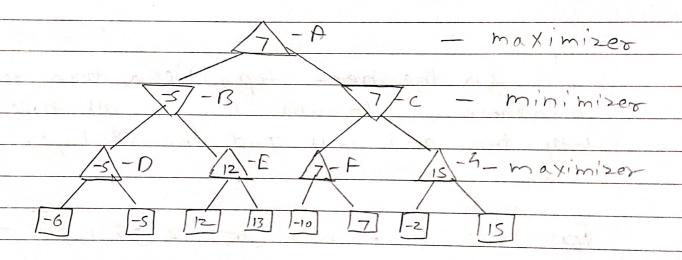
first find the Ultilities value for the Step2 :maximum, its initial value is -6, so ve will compare each value in terminal state with itial value of maximize and determine the higher node value. It will find the maximum omeny all for node, D: map (4,00) +> map (4,-12) = / for node E: map (17,4) > map (+3, 17) = /17 for mode f: /map (11, 90) -> map(-12, 11) =/11 for node 4: may (6,11) -> max (6,1) = 6 for node D: max (-5,00) -> max (-6,-5) = -5 for node E: max (12,-5)-) max (12,13) = 12 for node f: max (7,0) > max (-10,7) = 7 for node G: max (15,7) -> max (-2, 15)= 15

Sundaram



Now its a tron for maximizer, and it will again choose the maximum of all hode value and find the maximum value for the root hode

for node A:- max (=5,7)=7



Hence, it was the complete workflow of the minmap Algorithm with two players game.