

Whenever max play see a 10 return as a max, it can Stop exploring be cause if already found the best possible outcome

Deep Green Move (S) Minimax Style

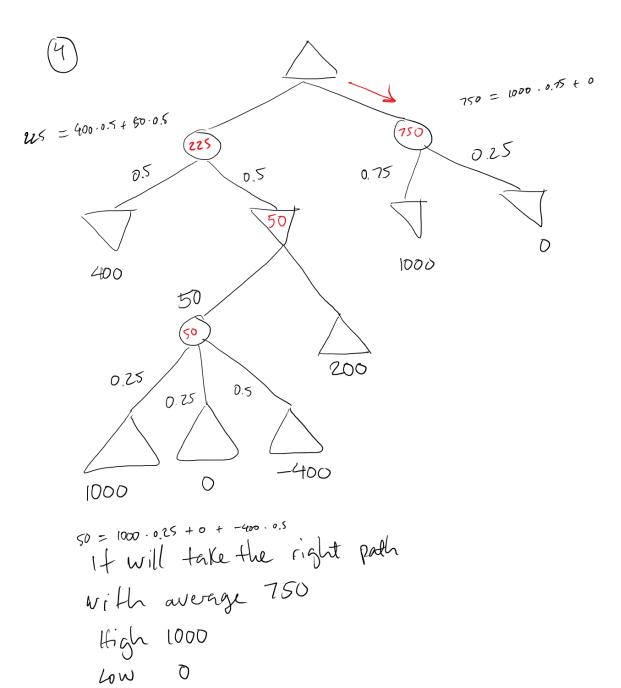
Given the current state of the game Explore all possible move it can currently make

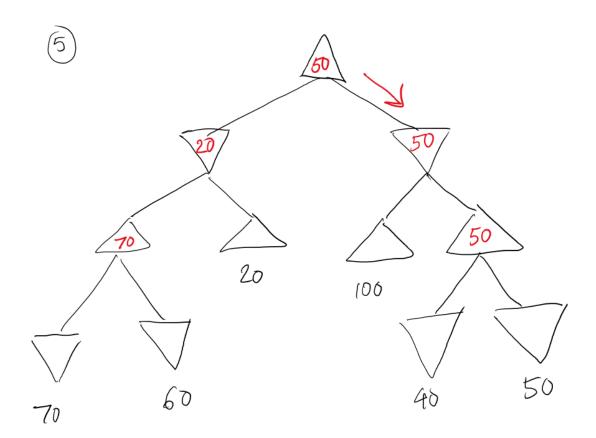
For each of the possible move, check to see which is the best move among the rest.

To do that, it will run a test for all the possible move the opponent can make againstit for each possible more it can make.

and for each of those possible move the the Sunction will call itself to calculate the best possible for that state ... it repeat until it reach

the end of the game. the function return the best possible path for the given state.

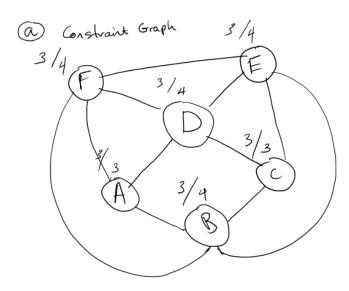




if we are following minimax and the opponent is unknown, by following minimax we can get a max score of 50 or 100 if opponent if opponent follow minimax messed up highest we can get is 50, other wise, we can get up to 100

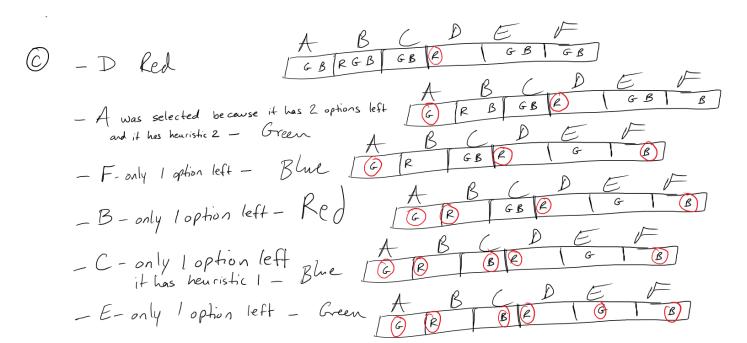
Taking the right path





- (b) Backtracking MRV and Degree Heuristic to select variable
 - D was selected because all has 3 options and + has heuristic 4 Green
 - A was selected because it has 2 options left and it has heuristic 2 Blue
 - F-only 1 option left Red
 - B only loption left Green
 - C only loption left it has heuristic 1 - Red

D	Green	
A	Blue	
F	Red	
B	Green	
C	Red	
E	Blue	



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	\triangleright	Green	
	A	Blue	
	F	Red	
	B	Green	
	C	Red	
	E	Blue	