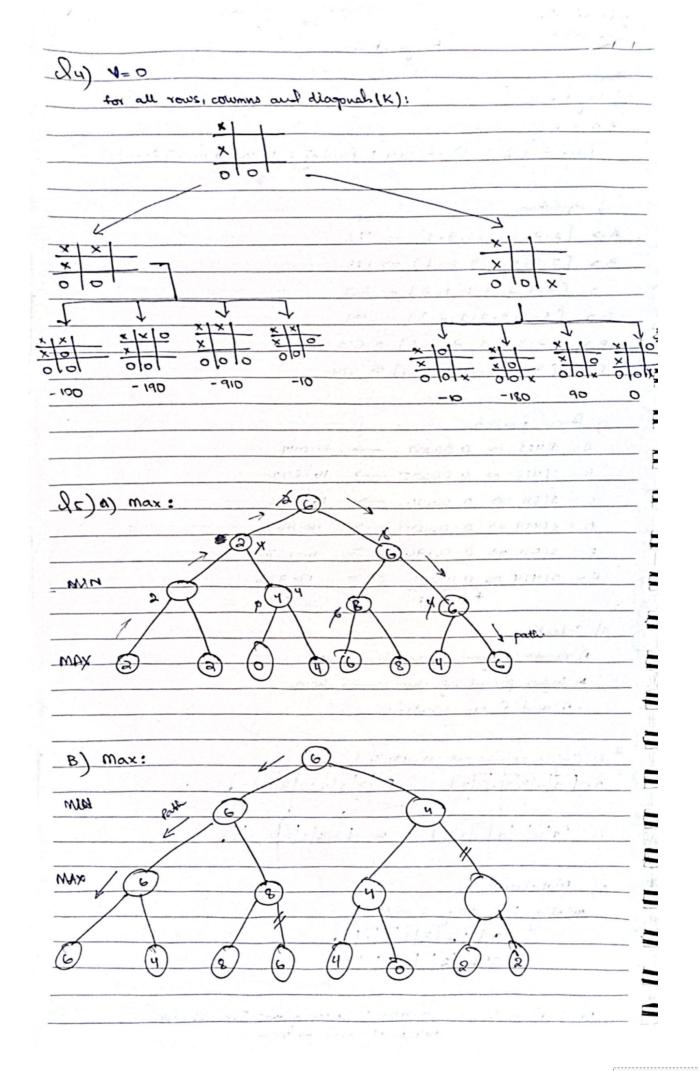
	Assignment 2.	
	Q2) Doy Row:	
	(1,2,3,1,2,3,1) - test 1. facility 1 7 task & facility 1	
	[1]415]1]415]	
		-
	2) Population: cost	-
	A⇒ [1,2,3,1,2,3,1] ⇒ 481	-
	B\$ [2,3,1,2,3,1,1] => 488	.50
	C> (3,1,2,3,1,1,2) ⇒ 511	_
	D> [1,2,3,1,1,2,3] => 499	- 6
	·· [→ · [→ · 3 · 1 · 1 · → · 3 · 1] ⇒ 611	
	F ⇒ [3,1,1,2,3,1,2] ⇒ 474	
	3) lithics function 1	
	A= 1/481 > 0.00207 -> 17.041.	
	B= 1/488 \$ 0.00205 -> 16.874.	
		7
		100
	F= 11474 => 0.00211 -> 17.37%	-
	2.41	_
	4) Selection	
) randomly generate selection point	
	*) higher probability chromosomes chosen	
	. A and f are selected.	
	5) Crossover, select at pt. 4.	_
	A = [1 2 3 1 3 1] F= [3 1 1 2 3 1 2]	
	G-[1]231312 H= [3112]231]	
	6) Mutation:	1
,	G. [7] [3] [7] [5]	-
	R (7) (1) (1) (1)	_



(6 a) a) Players lound Objectives:	a hora manife
· Min (altacker): damage the securit	1
4 using various attac	
· Max (defender): minimizes the dance	
> eleptoys security	
to the species of the state of the second	Wigner with many
a) Decision making:	my way die hill
. Min: takes action that are either	n to obvious like
borute-force or maybe makes	s fake attacks in order
to avoid tection.	
. Max: detects the danger capties on 80	o uses defense ncelhanism
based on risk levels always the	
3) Stochastic Elements,	
Zero-day exploits increases incertaining &	the game as it was a
50% success rate.	•
Defender is therefore unable to block it	, hence it requires
expectation based trategies instead & m	
6)	
Firewall Patile Systam	Ignore Atest
B PZ F R B PZ F R	1777 7 7 S
B PZFR BPZF	7 1 12 1 4
-1 -5 -000 -20 -1 -5 -1000	-7 -2 -190
e) (-20)	
(-20) (-20) (-20)	
	(50)
क्रिकेंट्र बैर्स्ट के	\$ 3000 C
\$ 340000	
7 -100 \$ -20	
	10101
	Milwa

	failure = 501> damage = 0
	Value = (0.0x (-10)) + (0.5x (0)) => -5
f*	The Control of the Co
2)	Minimax; assumes it will always fick the worst-values moves for
	max while Expectionax will assume that it has probabilities.
	and so it may preter patch over livewall it cost savings are n
	than the work-case scenario
1	on it is a real to the first of the second o
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