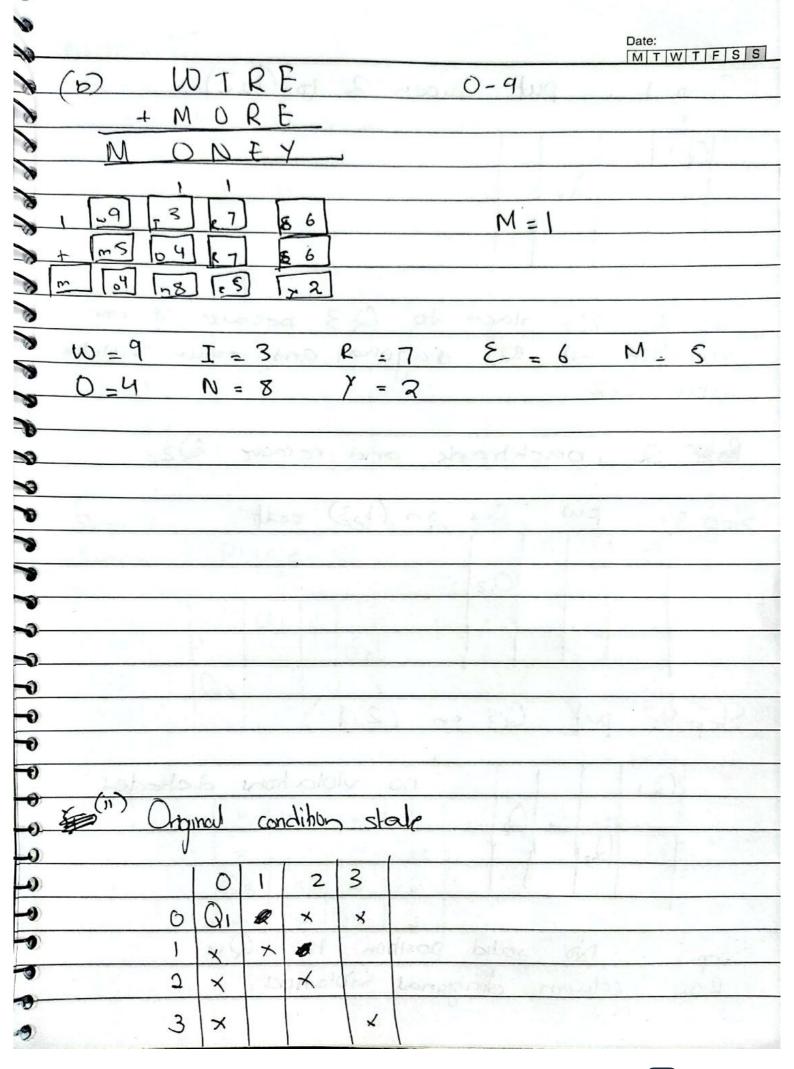
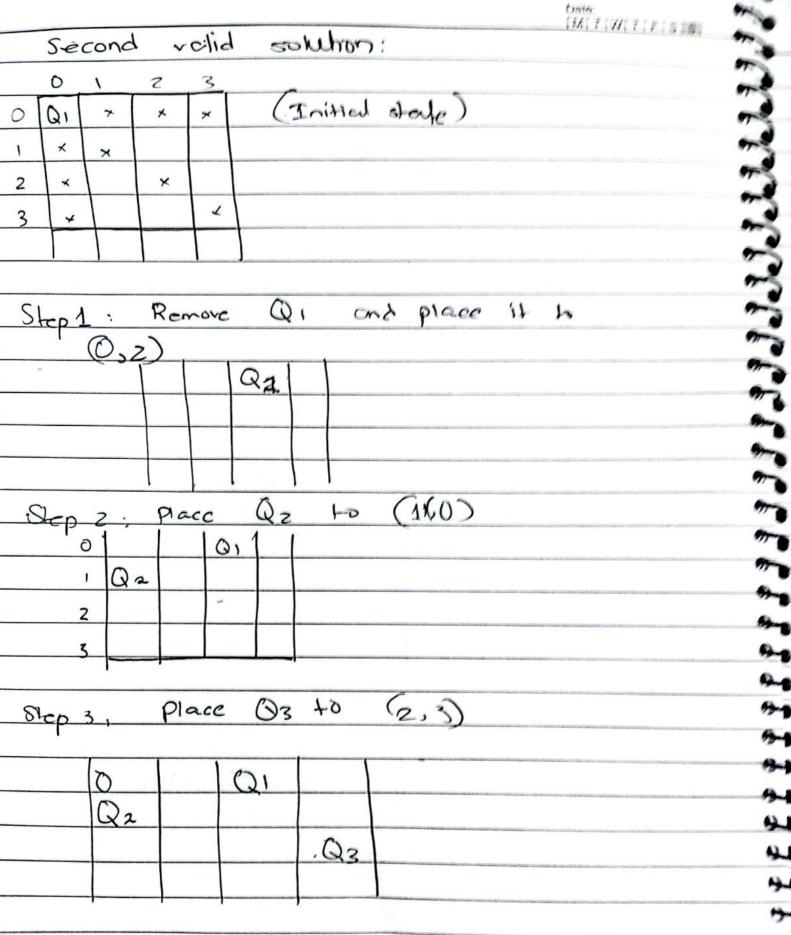
* ARTIFICIAL	INTEILIGENTESS		
	Roll no		
Constraint Satisfaction	Problem 21k-4783		
	Abdullat		
Q1 ABCD	Tuesday of the state of the sta		
A F G A G	A.S.		
AFGAG			
Solution	Million to the same to be the same of the		
deuta:			
digits 0-9	1+ F = 10+F		
	1+1+F= 10+F		
	F-F=9		
1657	90 -> 0		
+86 56	e-+ = 8		
10313	9-1-		
	80		
A = 1			
B - 6			
C = S			
0 _ 7			
٤ ۽ 8			
F . 0			
O = 3			



MTWTFSS 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 put Queen 2 to (122 Q2 Step 2: No place to Q3 because of row Q1 diagonal and colum violation wh violcher wth Q2 Ste So, backtrack and remove put Qz Stop 3: on (1,3) cell Qz on violations detedel 20 Stop 5: No valid position for Qu Row, column, diagonal violations

					Date:	TFSS
Backfrae	K Q3	ron	2	tong Think	a Beer	77.49
Backha	k Q2	trom	row	1	1	
		al an	2.00	C : MA A	8 1 -	
As QI	is not	in a	boop	posiha	change	e ib
position	to (O)	1)	0		7	
The State						
Slep 6:	Pilaco	· Q	1 at	(0,1)		
		2				
0	lail	1	Les .	- 0	10 P	* 11
	1 1 1	1000		The state of the s	1100	
2				1,10	1 18	
3		Ke 13		7 17		
31		1 1	1			
0 7	Dlace	0.0		(1 2)	-	
Step8:	Place Place	0.5	10	(1.3)	1	
SIEP8:	Piace	Q 3	to	(2,0)	V	-14-
	10.1	11		1 10		
of a Mary	Q)	. 6	-	4-1-2	T. S. Call	
	6	· Qz				
1000	Q3	M				1
		11	-			
30	12 al ac2 :	(Carrie	4 60 04	20 55	5000	L. start
Slep 9:						
J	X QI	×	×	Solu	shon to	+1
	××	× (32	9-94-4		
	Q3 ×	4	×	1 1		
	× × .	Q4				
	1 7 1 7	4, 1	be	1		
			* 1			



9		-				,	Date:
9		514	= p	4	Pla	cc Qy to 3,1	
*		0	١.	2	. 3.		
7	0	*		QI		2nd valid solution	
9	1	Oz	*				
7	Z			×	Q3		
7	3		Og		*		
1			+				
1							
7	1	١		1		Λ 1 C	
7			OC	a	E	Adversion Search	
7	-						
7	(-	1				2 - 1 AK-15 K	
9	(23					
7			F	Cxi) =	(G+5) - (4+1) + (3+5) -	(3+2)=9
7		F((+7) - C1+2) + (6+6) - C	
7						+3) - (9+2) + (1+2) - C	
-						+1) - (8+5) + (2+0) - (9	
-			,	/			

Order = x2 >x1 -> x5 -> x4

7

9

Date: MITWIFSS 7126601 26201 21685 3 New population A 1 = 87123532 Au = 23413585 As = 27126201 A2 = 65416601 A3 = 65921232 Ac = 83921685 23413585 Funcha Apply FC AI) 1+2 = (6 + 5)1 (As) = (6+5) - (9+2) H(1+2)-(3+2) = -2 (2+3) - (4+1) + (3+5) - (8+5) = -5 (1+2) + (6+2) -F (As) -= 8+3) fitness has improved We can see filmes Max 99 99 OO DD + 9+9-0+0 9+9 f (max) = 0+0 = 36

Date:

* Minimax Solution man player will 100se 4 minimax