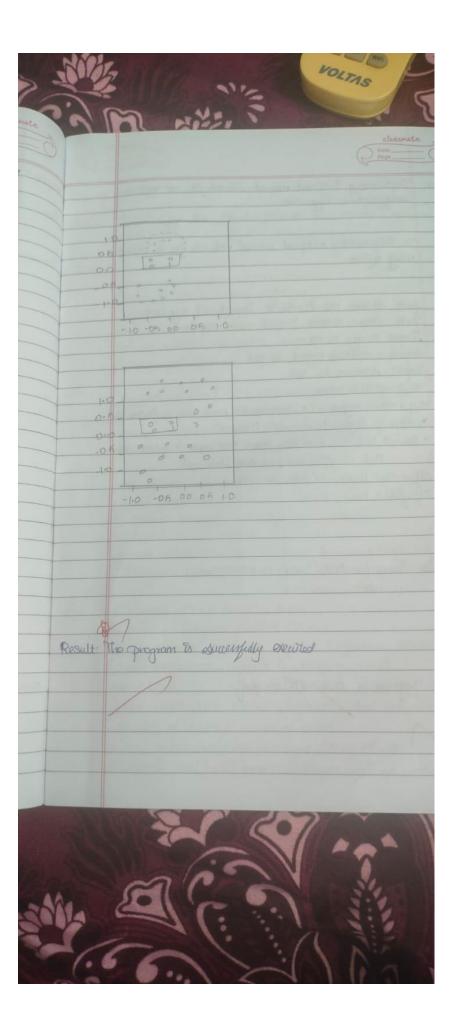
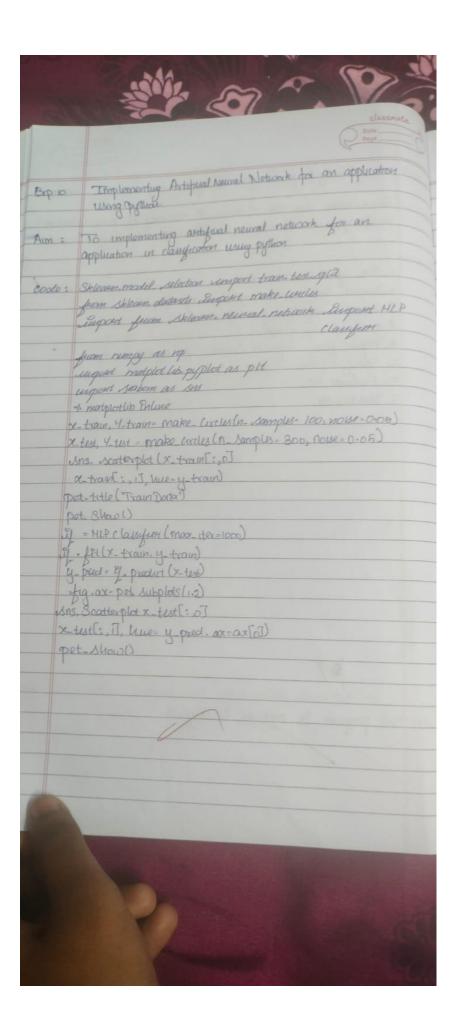
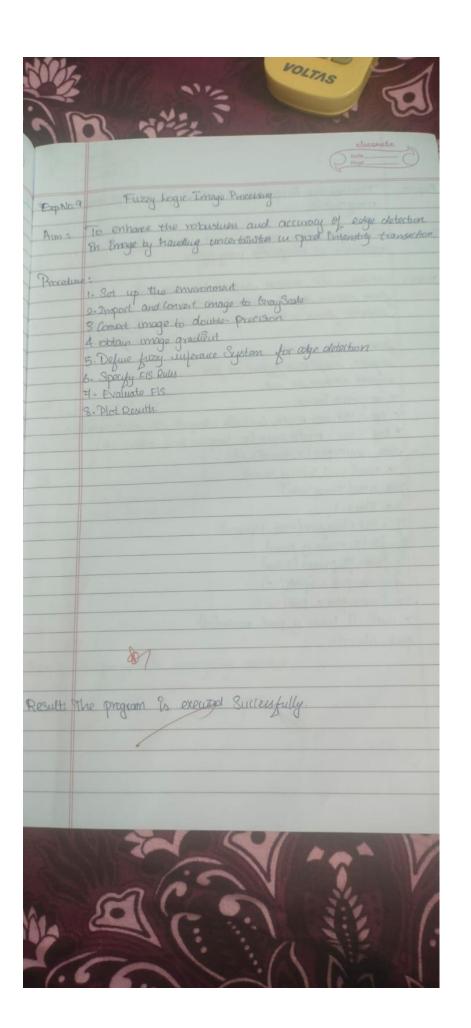


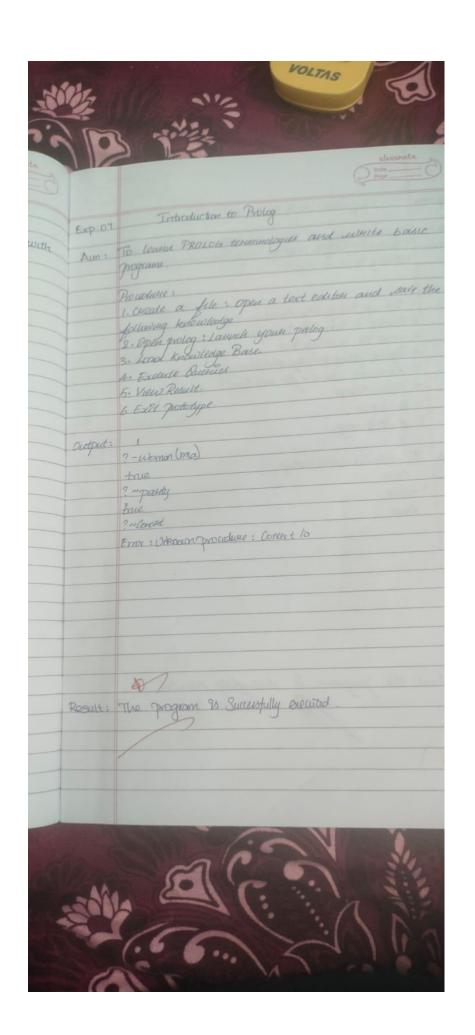
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Date State
Exp. 1 Implementing Antificial neural network for an application
Exp. 11 Implementing Artificial Manual Properties
010
Aum: To Emplomenting acutificial neural noticook for an application using pufition
Am: To Emplementing asstructed recent
using pythan
Code:
from sklam neural network import HIP negresses
Terom Skienn, datasti Emport make eleggiession
Simport numpy as no simport matphothub pypiot as pit
Emport season as Ans
-1- matphillub unline
x, y = make regression n samples 1000, nowe=0-00, n-feature=100)
1. Shape y Shape = ((1000,100); (1000,))
X-train, X test, y-train, y-test= train_test_split (x, y, test_siz=
elf = MIP Regressor (max_Ha=1000)
Cy-fel(x train, 4-train)
PD
Output: Re Since for text Data = 0.968655849152
Re Since for test Data = 0.968655849152
Result: The Digaron & orgin to 2
Result: The program & execution Successfully.
80
P. C.

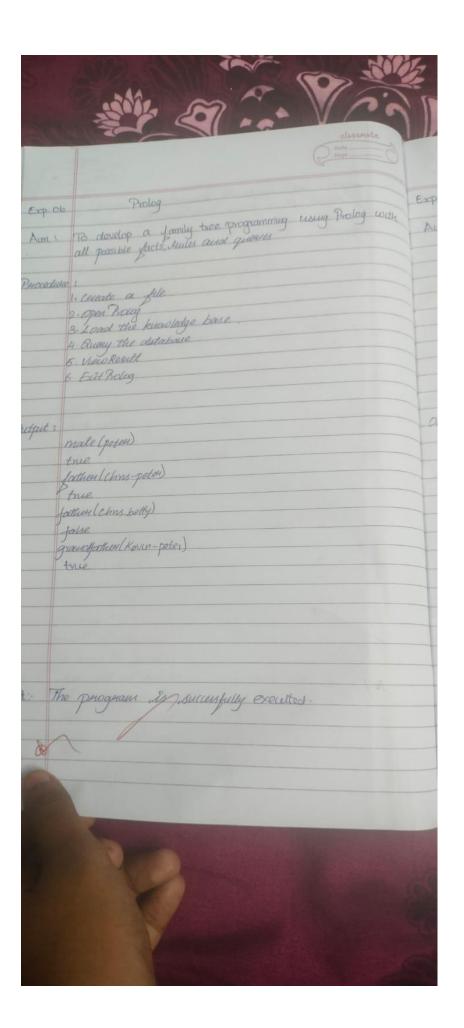


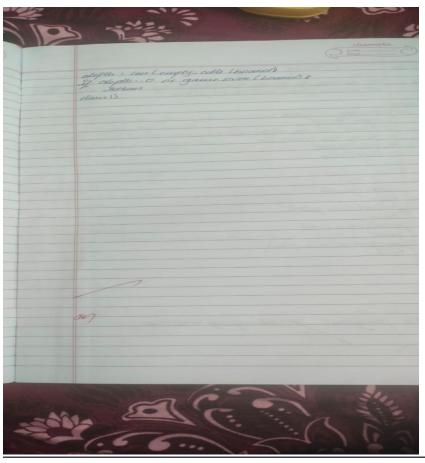




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	P	· I me contra	ition and Revolution and Justim tration.
Aim s	To execute program	based on craft	and ustantiation.
	Matching terms are un	4 ad	
# .	Putting wins are	7	
Procedu	ru s		
	1. Set up Prolog Em	wonnext-	
	2. Creating a knowledge	e base file	
7	18. Load the knanledge	Bosse-	
	A Define goals for	refutation.	
	5. Execute Burun 6. Renew Rents	for galle bloat	
H	7- Londunion		
421	B. Exit prolog.		
7 11			Low sunday in
Output:	? - notestawberry pu	dus	
	true	0	
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Result: Thus	the gragram ?	deller 11	
	10) Successfully	executed
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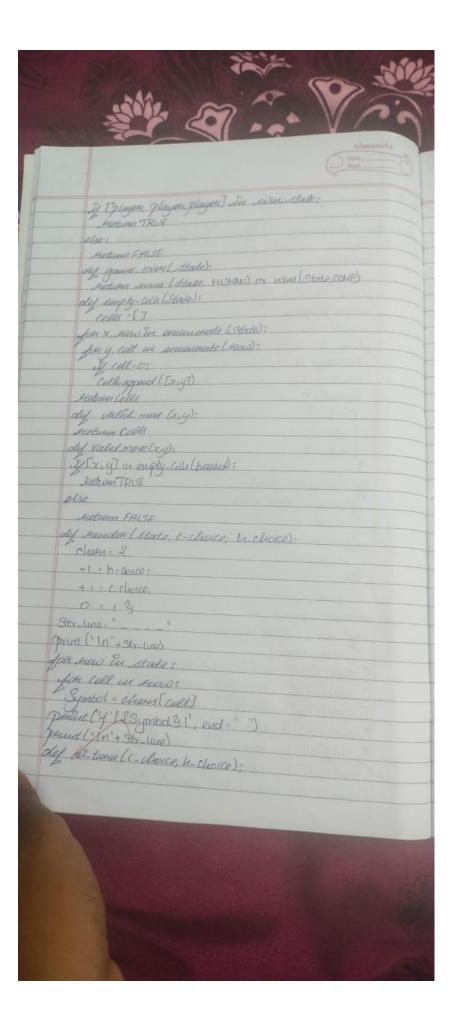


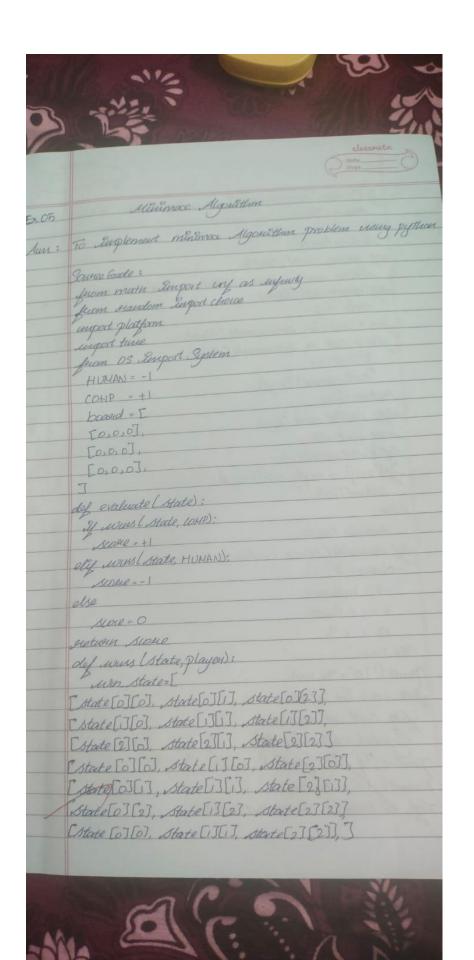


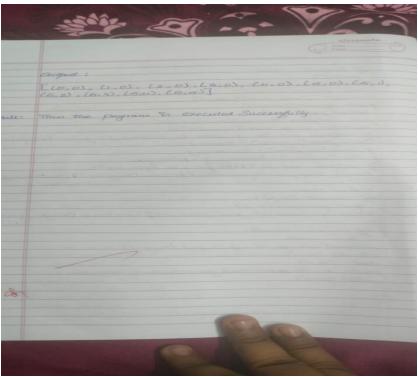


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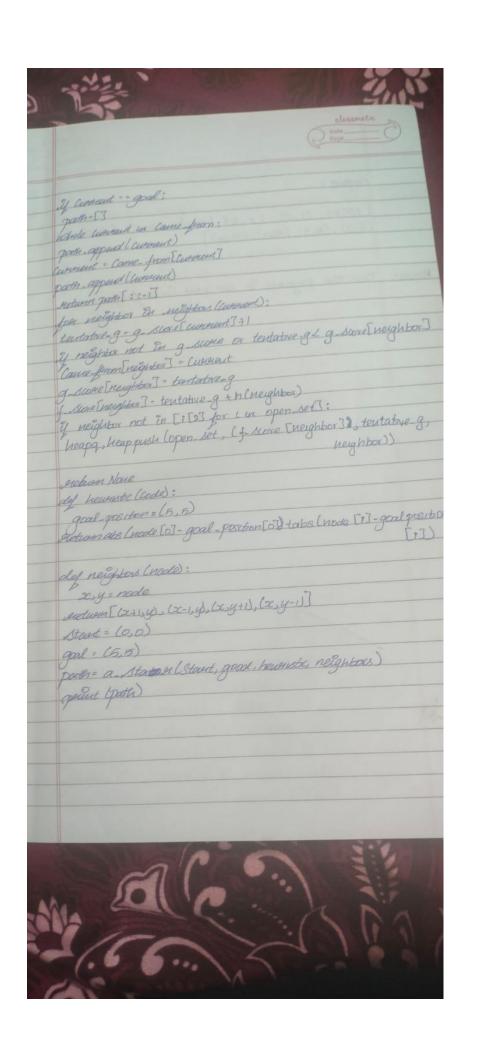


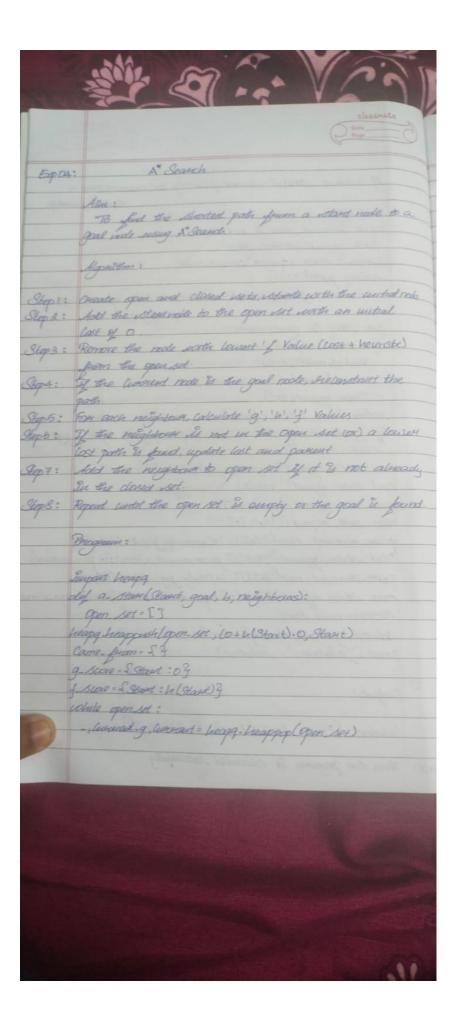


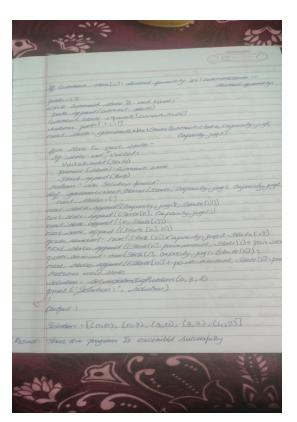


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```
+ Code + Text
                [0, 1, 0, 0, 0],
                                                                                      ↑ ↓ ♦ 🗈 🗏 🗓 🗓 :
                [0, 0, 0, 0, 0]
Q
            # Start and goal positions
{x}
            start = (0, 0)
goal = (4, 4)
<del>Ол</del>
            # Run A* search
path = a_star(start, goal, grid)
            if path:
               print("Path found:", path)
              print("No path found")
        \rightarrow Path found: [(0, 0), (1, 0), (2, 0), (2, 1), (2, 2), (3, 2), (4, 2), (4, 3), (4, 4)]
```





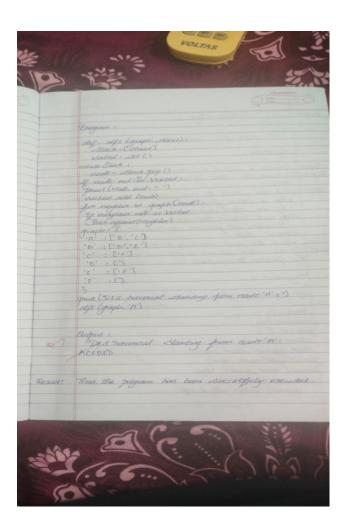


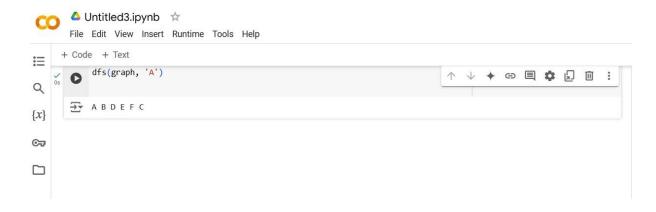
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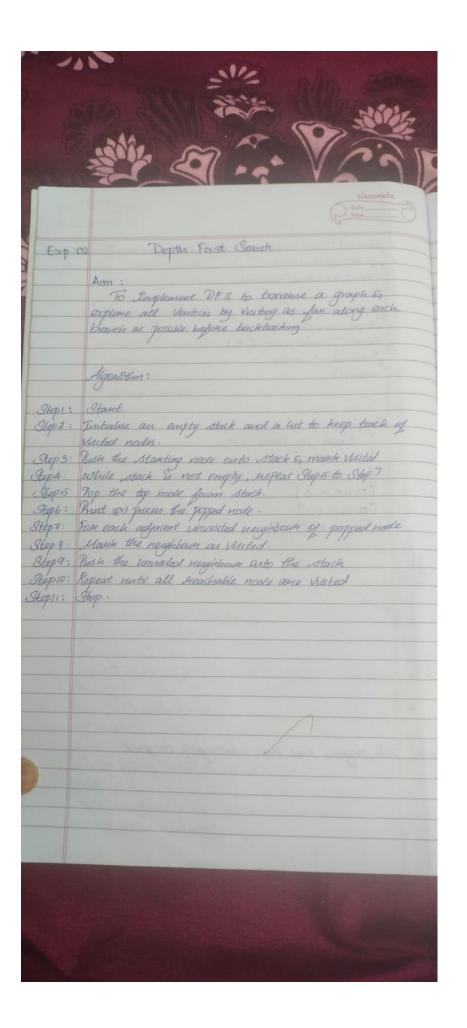
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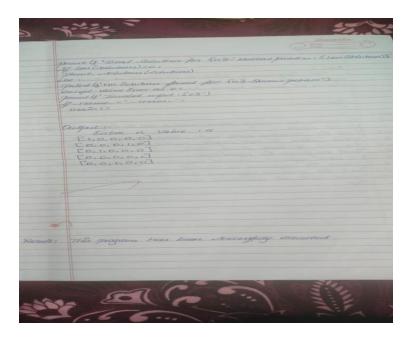


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Ex-03	Water Jug
	Aun:
	To solve the wider fing problem using DES.
	Algorithm:
Step1	Trutains the Stack is not empty who with the unital
Step 2	Trutiques the stack is not empty some with the install
-01-0-	State. Se sot anote do the Idlaman
Step 3:	While the stack is not empty, do the following . Pop a state from stack
	· If the strik superies the discued quanty,
	And and motion the solution
	· Grenourte all possible next states from the
	Current state.
	· Push the next states on to the stack.
Step4:	Push the next states on to the stack. If the stack becomes empty and no solution is food,
/	the problem is unsolvable
	Pergram :
	0
	def solveredoring Robbem (capacity-jug), capacity-jug2,
	austica squanders:
	Stack = E3
	Visital=Set()
1/	panent: 23
	start date=(0,0)
	Stark-append (start-state)
	Visited add (stood-state)
1	parent [start , starte] = Nove
4	while stock:
	Current_ state = Stack.popl)
1	









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