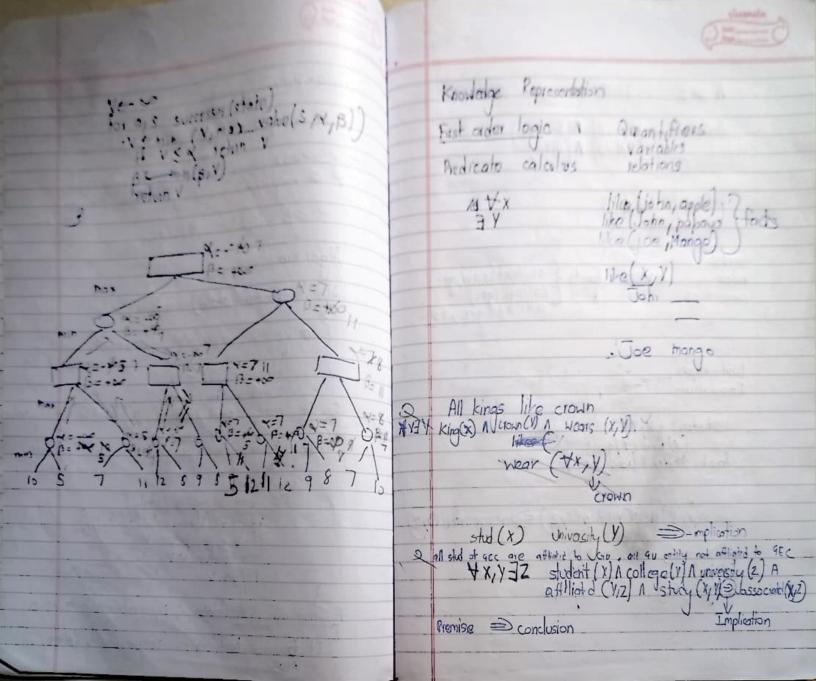


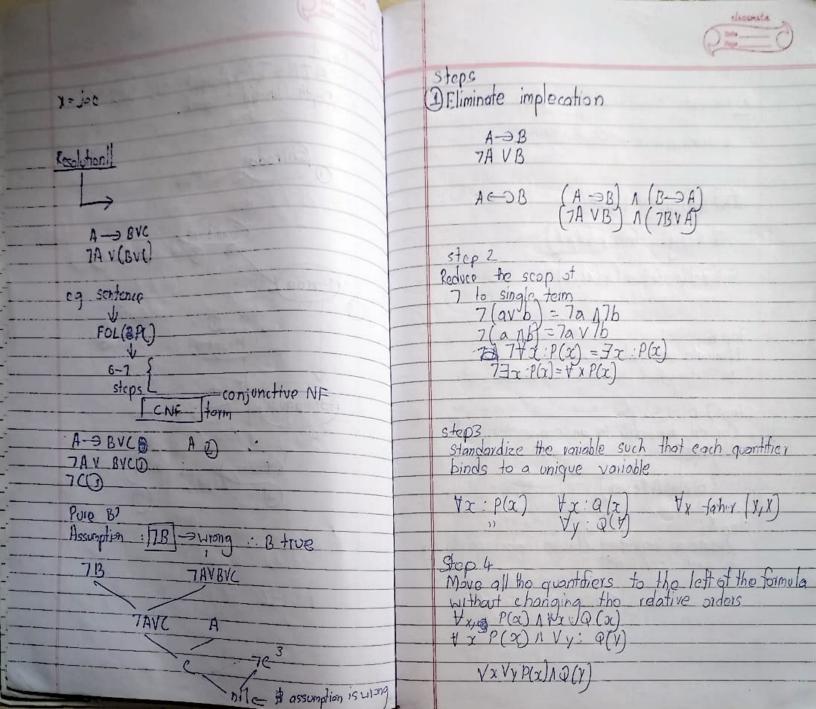
DEE value [next] - value [corrent] If As is greater than D corrent e next else corrent e next with the probability exely \* Constraint satisfaction problem ) N variables NI ... Nn (Soln) values to N, .... Nh feasible Soln Optimal solution -needs to fesible immum no of colours Gruptorithmatic problem AtoZ operand assign number to letters DGAGN 4 ER

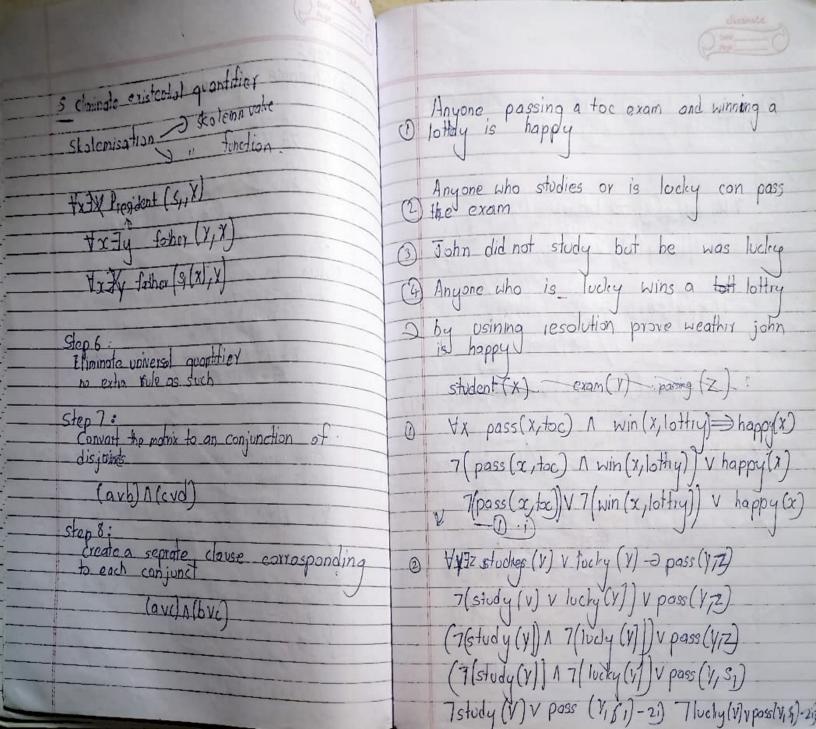
E=D+S+C, c5 will be 1. so 0=1 >9 A = C+R +C4 (1/0) A=0,2,3,4,5 (13) (12) (14) (15) C+R+C4(0) NG C + R + C4(1) D(1) A(5) N(8) 4(1) E(4) R(6) D A(5) C(8) D(1) E(4) 4(9) R(6) S(3)

Alpla - peta pruning DONALD ट्या ट्या द्या द्या द्या द्या GERALD ENDEN CEI UR. Prune a part of tree which gives better result MODERNE B -0= -max player (heller for max player) +00 B -> min (lower beller for min player) MO DANG FRY Y (S ·DUON NA A(UK3)D -- 970 2≥B -prune the tree G EO RA ANLES D 60 40 40 40 40 ROS HOE (6) R(6) TO Algorithm S(9) E(3) N(1). D(5) C M(1) Ob) R(6) E1(3) Alpha Beta Search (state) = reduins action Ob) 4 E(3) Y(8) this returns the action in B socressor of the Games max-min state with value v Surressor (state) 5 2 players - objective function function max value (state, < , B) = return utility value PI -> max If terminal test (state) return utility (shate) for a, s successor (state) ve max(v,min\_value(\$, γ, β))
if v>β jetun v
max(γ, V) lad node 5 X 0 return V function min\_value (state, &, B) = seturn utility value o level 7 If therminal test (state) return utility (state) whiley function (h) higher on one side & worst

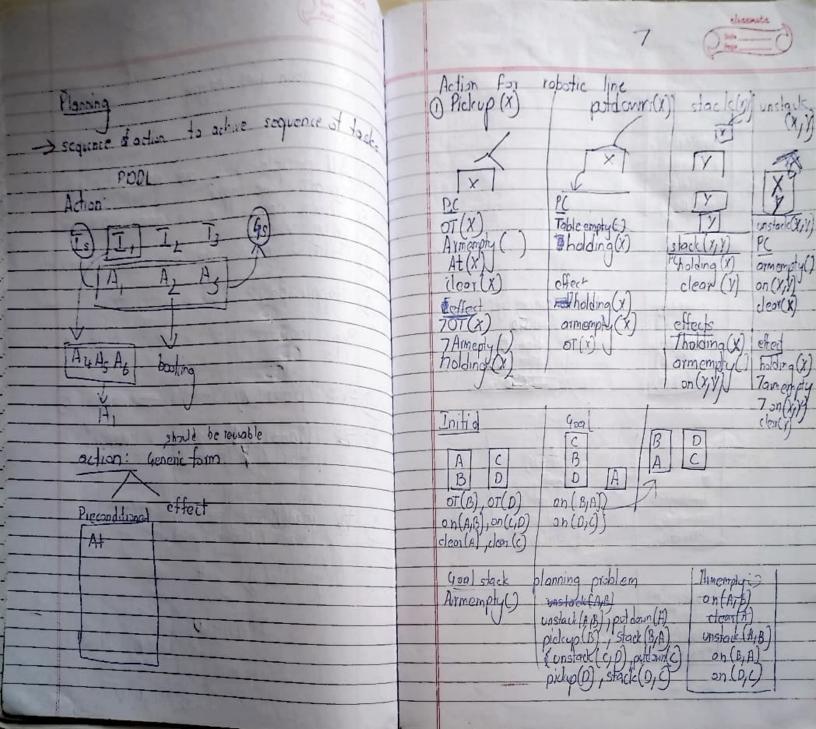


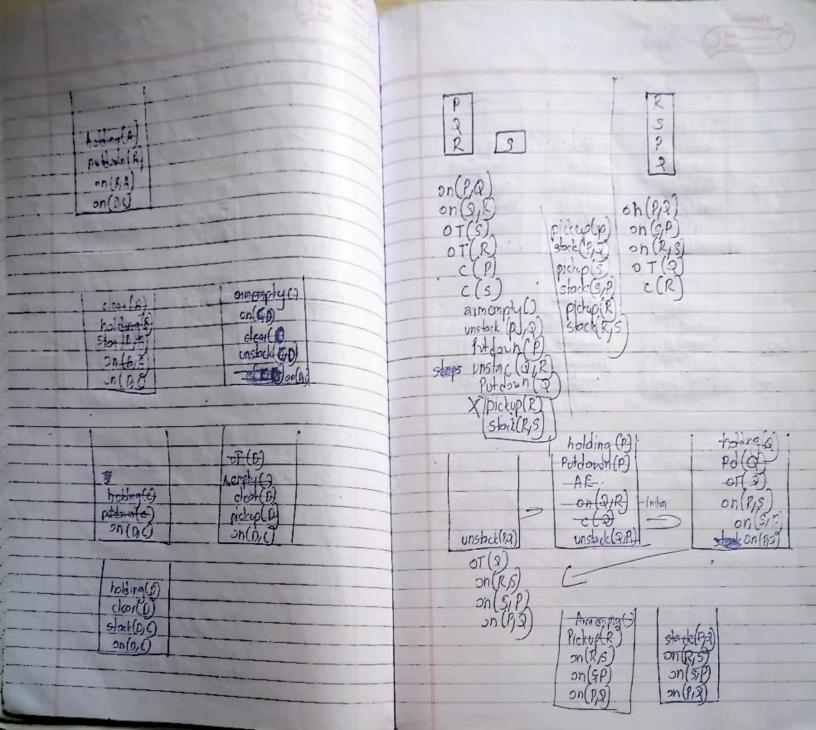
Exp 1
AIM-To implement BFS DFS
Depth limited search. A ⇒ B = 7AVB. 1700 7 (AVB) = 7AX1B Bondora 3 college (gec) attilategre, su) fict 2000 (Ponda Connectives (curti 3 Madgaon 4000 Unification Betora Resolution (formaqudi 4200 1500 student (X/V) [X/ sain / Y/ques] fact Student liain, gel) 1300 Marcil Borin 1300 (x) 1 o(c/2) = associated (x/2) s (roni, ger) c (geo, go) X/gravi 1

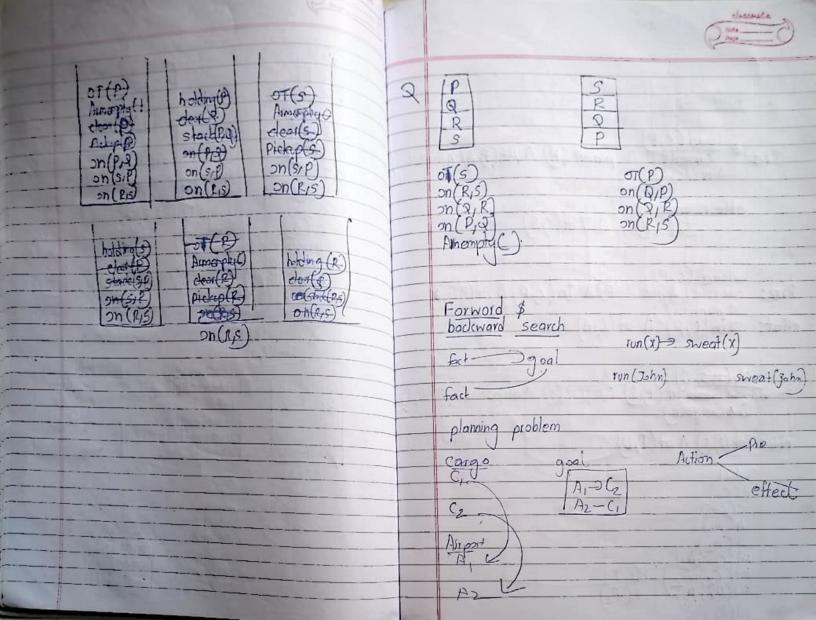


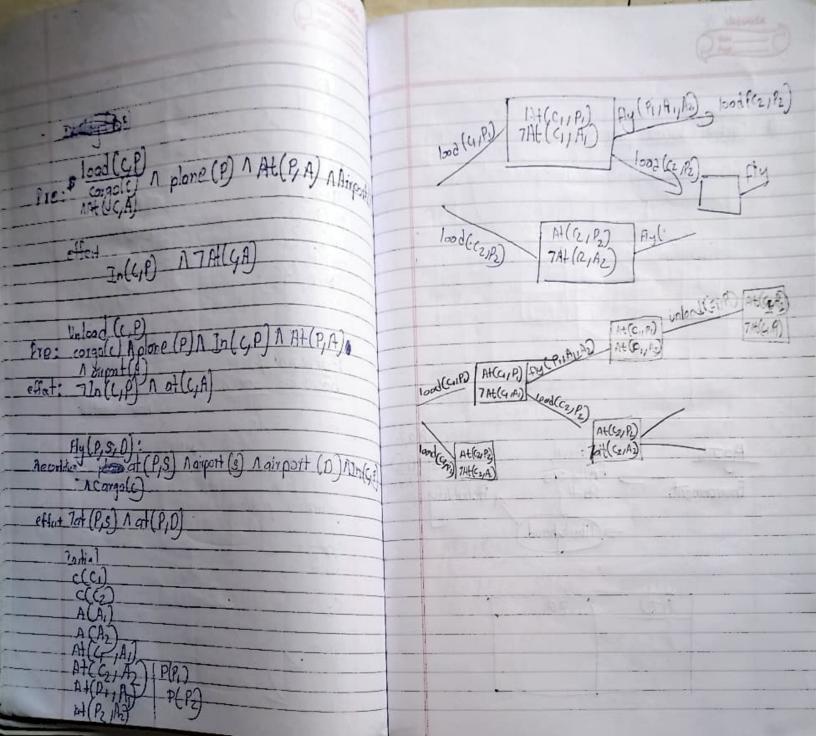


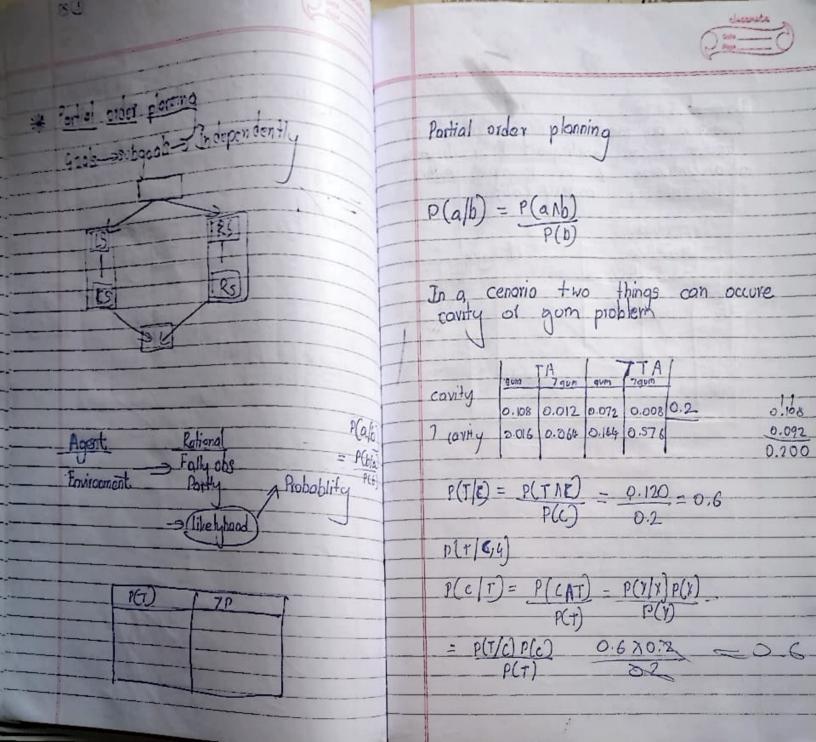
(1) Peter (30 br) 31) isohn was hoppy 2) All people who are not poor and are smart are happy who need books are intelligent. tu ludy (v) > hely win (ylottry 7 [locky (v)] V win (v) lotting) -4) John J reads the book and is wealthy 4) Happy people have a good life Thoppy (john) By resolution prove if anyone be found with / Ex johny 7 (poss (john joc)) V Twin (john , lottery DHX & 7 poor (x) 1 smart(x) => happy (x) 2) To 7(7poor (x) M Smort(x) V happy (x)
poor (x) M Tsmort (x) V happy (x) (y) John/SI/toc 75tudy (John) v Twin (john) latter 2) ty read (Y, books) = intelligent (Y)
Tread (Y, books) V intelligent (Y) 7 win Gon, lottery 7(good life(v)) / U john 7 happy (w) poor (20) V7smat(10) I (locky (Joho) poor (U) V Trend (Ulasses)/

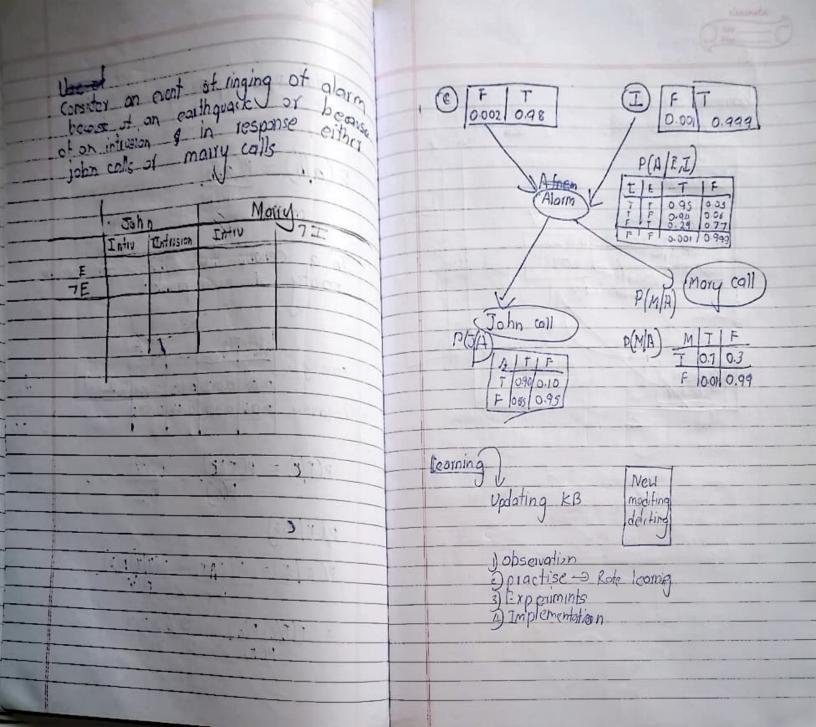


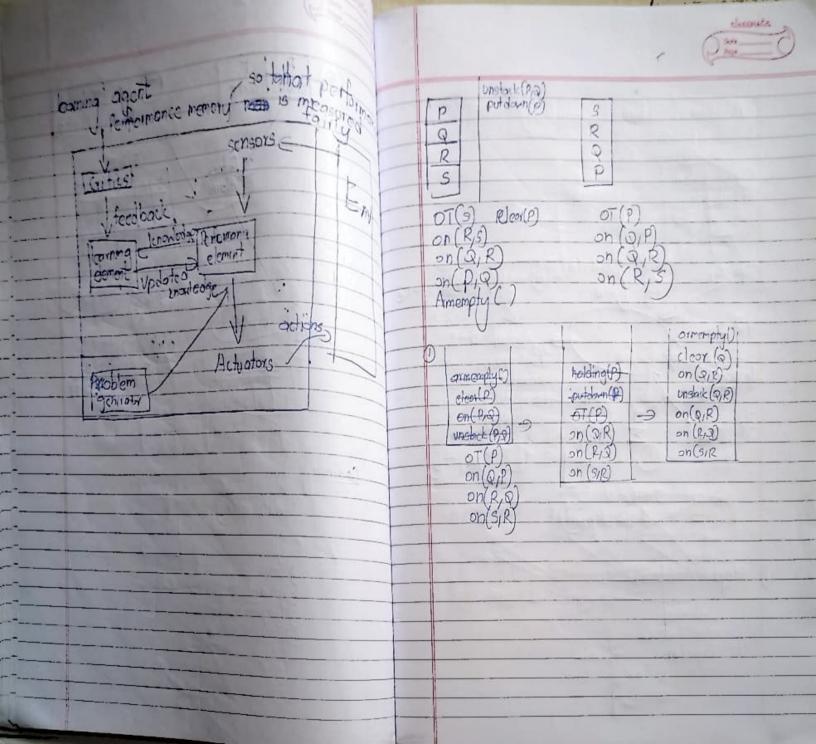


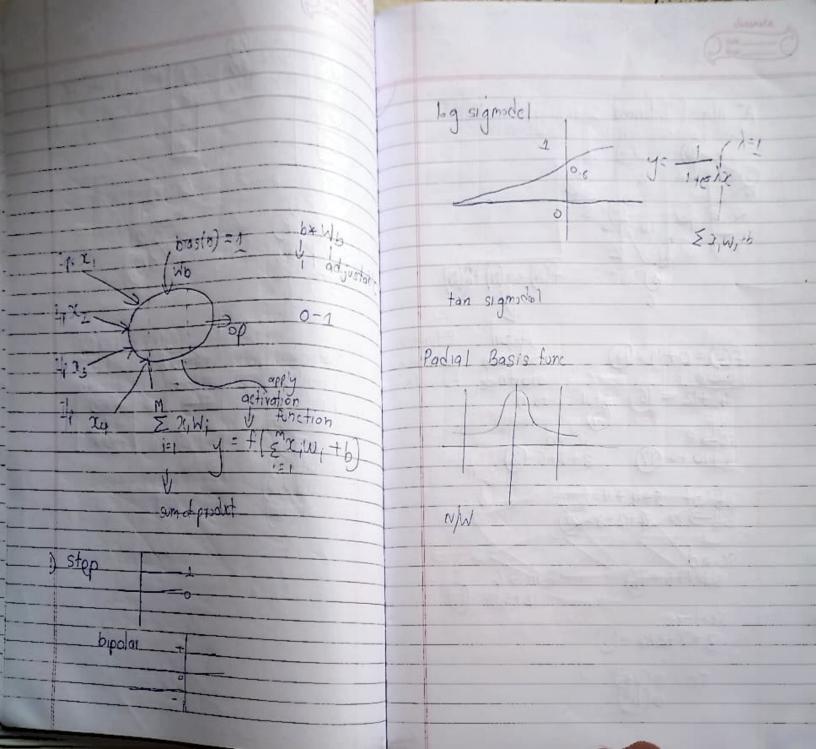












Ploning problem Classonite

Pirst half of unit 2

Neural Network	
Tievia) Tieria	MON TON
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02	<u> </u>
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OR Cond	
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0 1 0	90
1=1	
II W=1 Wb=0.8	

12 = 1 = 1

