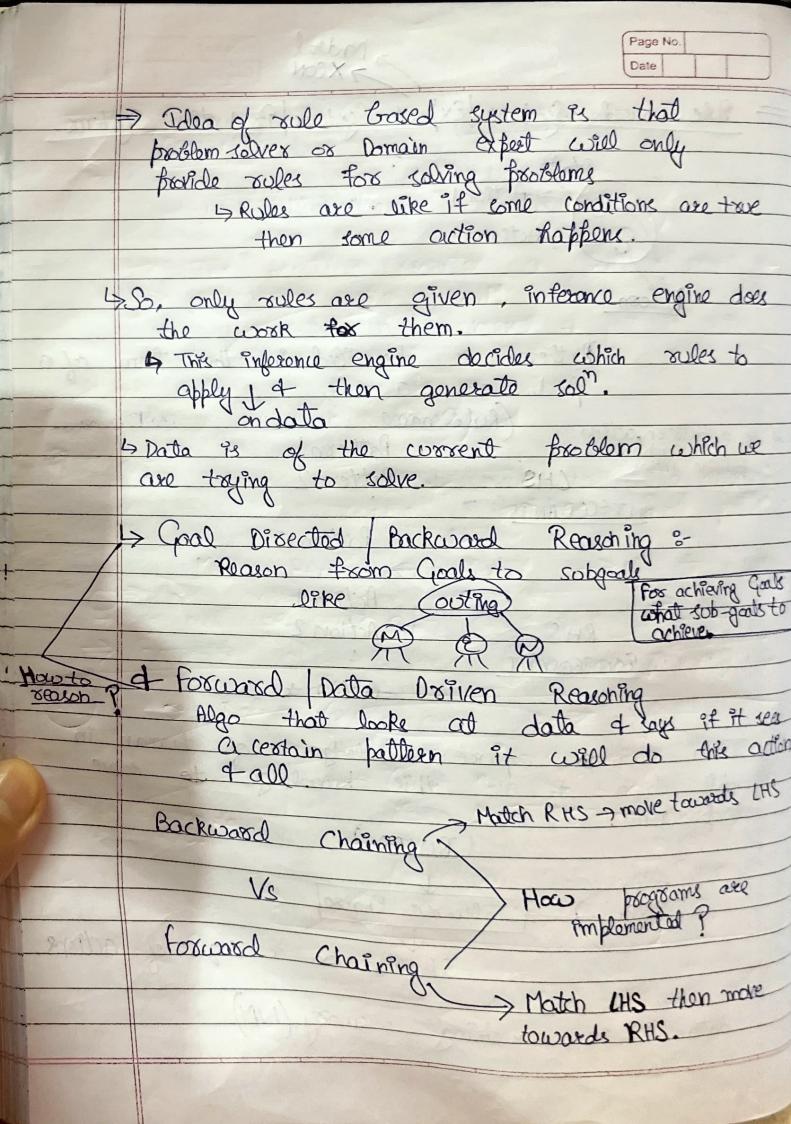
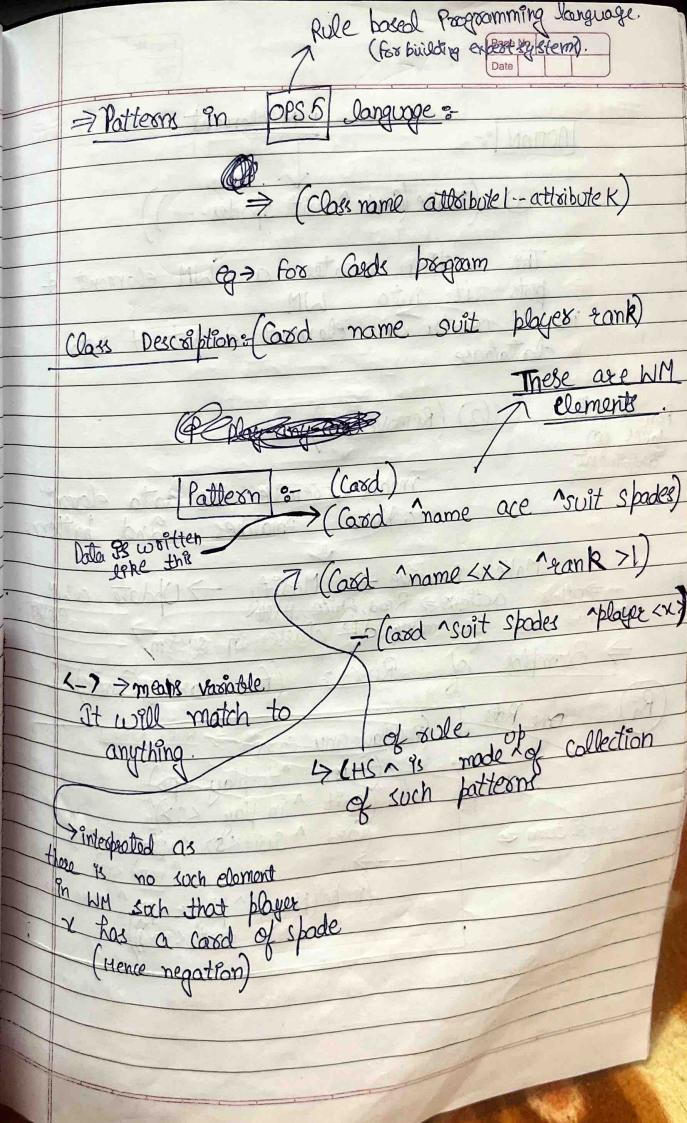
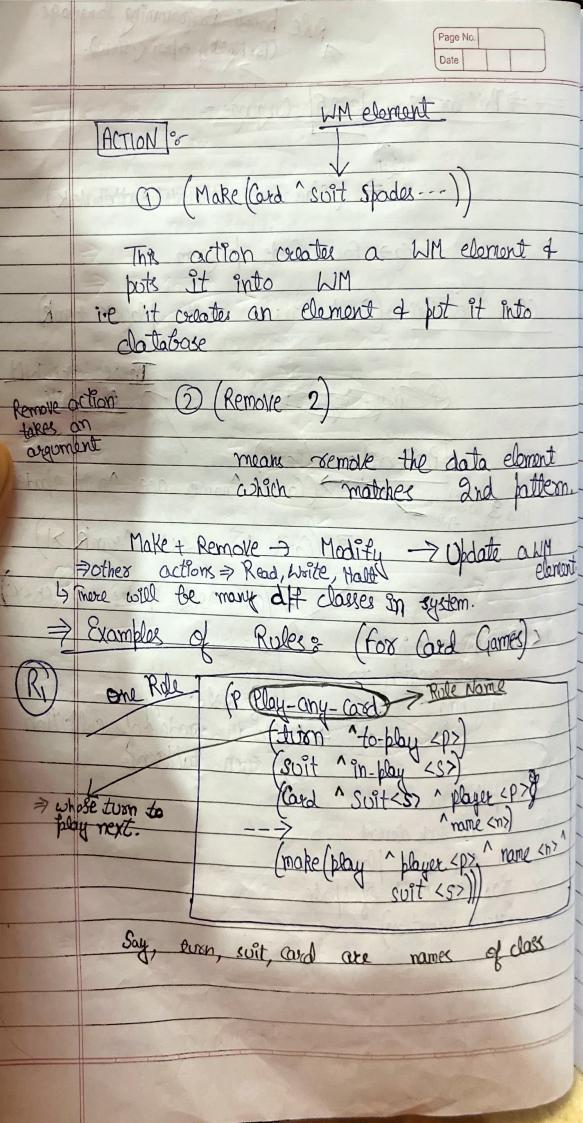
Page No. # Rule based Systems Expert Syxtems Production Systems State > Action 1 Actiona Pattern Pattern 98 described in the form of a food. or a rule (Rule-name ⇒Rule & a pattlern, action

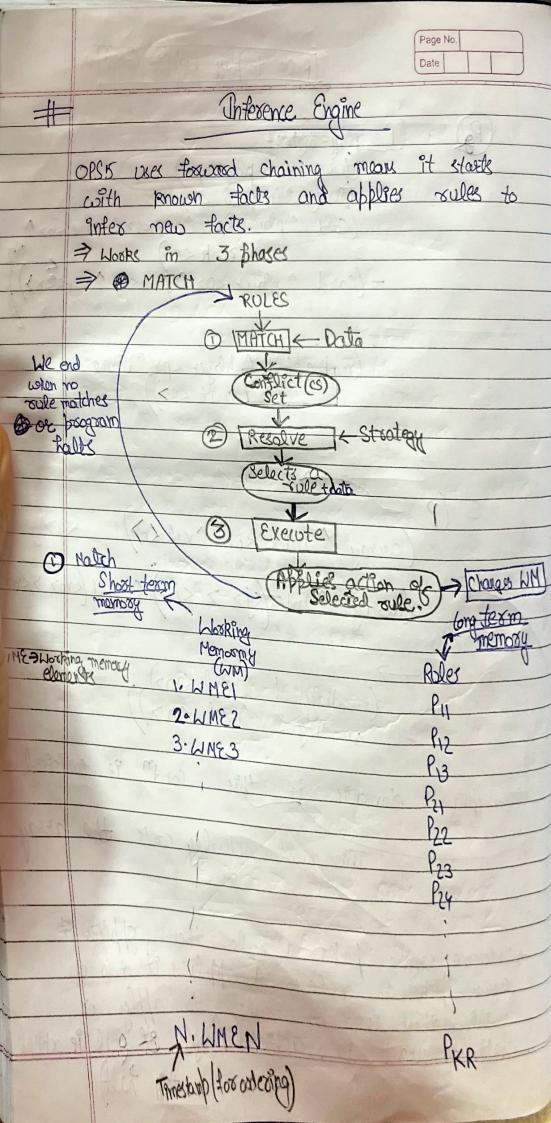
⇒We provide those Pattern LHS Pattern 2 ANTECEDANTS Pattern K Action 1 - Action 2 CON SEQUENT Action & Idea is to copluse knowledge of human in torm I use this knowledge to solve protelems. RULES Inference Engine Data Solution on a seq. of actions. data ik in working momory (MM)

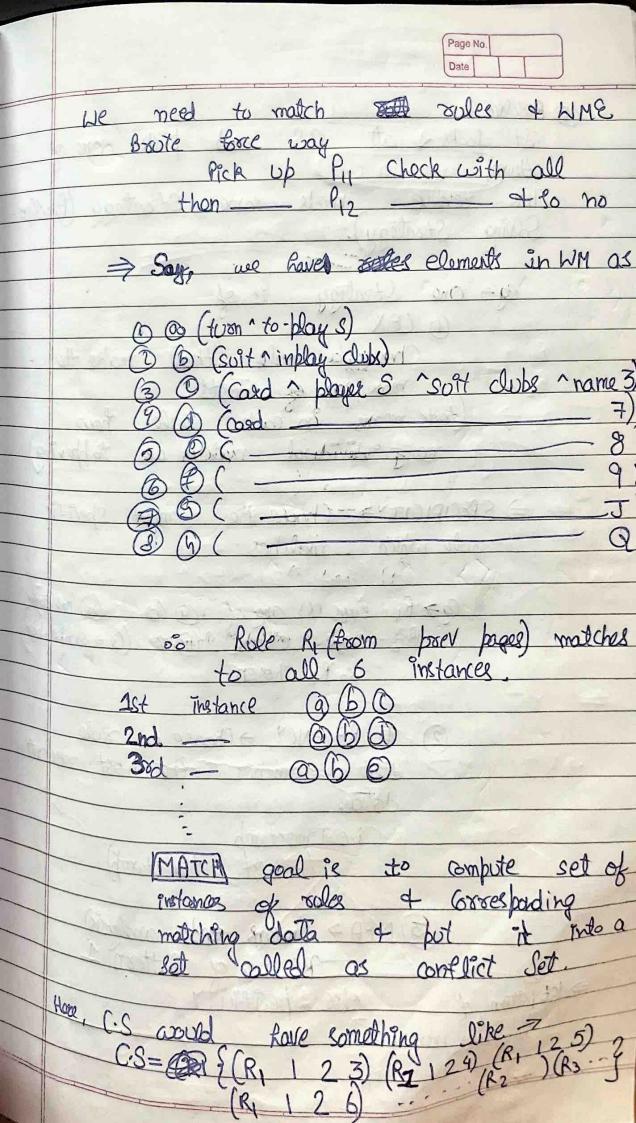






Rule to play Rights Cord (make(play player 1 name <n> 1 Suit <s>)) (P - average ^ index <i> ^val <ir) array ^ index(sj> > <i>>) ^ Val(km> ><n>) modify 2 val <nz) Swopping a clamonts it this cond to satisfied This rule actually costs the array Sinterence engine picks a rule than applies it to an on spicks a rule, of applies it to apply and it applies it there is no rule to apply and it are statement is achieved (maybe than falt)

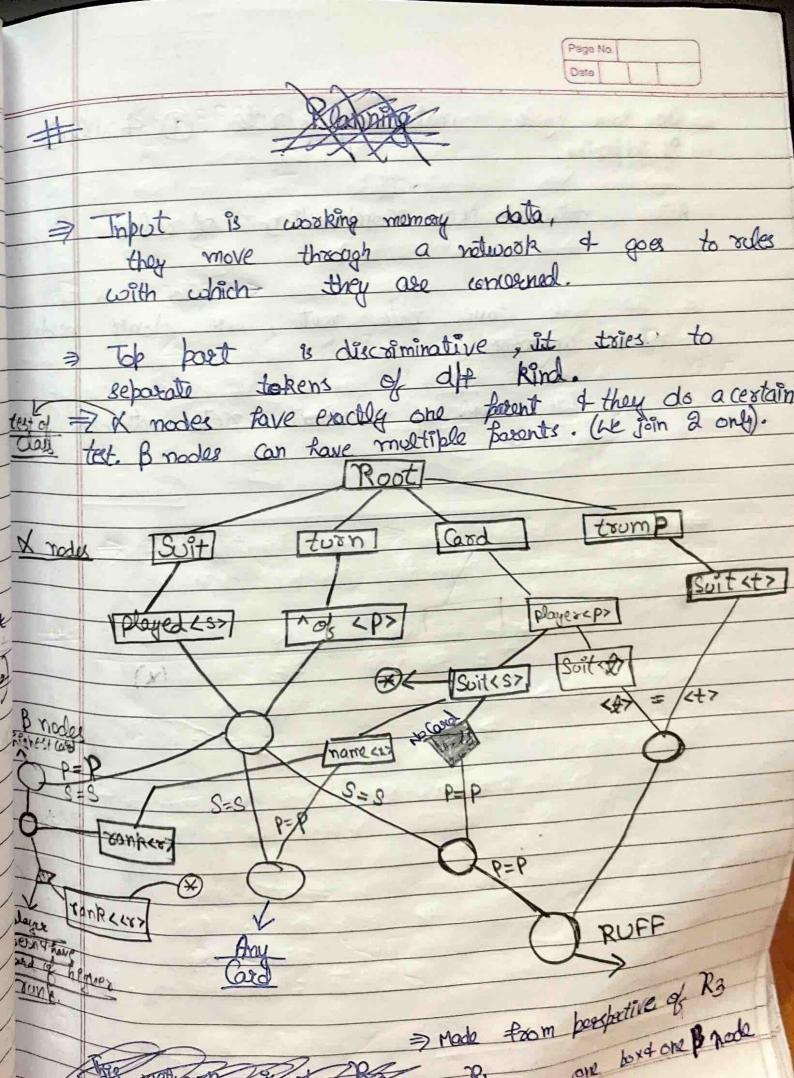




		Page No.	
	Resolve 3+ Jooks at C.S and	picks	one of
600	thom This resolve needs some Saling Strategy).	Strole	84 (Proble
O MUL	eg > One Strategy 9s of (Charge a rule the	of ne	aka the
2	tests many in each is marche	solo 3 ase	how tappowing
2	⇒ SPECIFICITY> Choose the sule which matches.	most	Specific
	Por Ry charge (1)	96.	- 6) instance
	2) RECENCY -> Choosed that matches data.	se a the mo	rule est reco
	i.e Timestomb (highest t		
7	Ist bitten of else Specificity Thompiet than 7	s and Patter	Ovsk)
(3)	CAR COLLEGE STATE		

	Page No.
	Same rule cannot Fire with same
11,	6mplexity ->
	Sexecute & Resolve of got less work. Solvery time consuming (8090) Letol Fine
	> Rete algorithm > Goal is to improve the efficiency of MATCH.
#	Corrent Pnefficiency of MATCH >
0	In R1 + R2 potlern P1 + P21 are some but ye check them reportely.
	so that each test we make only
2	Exercite > makes, dolotes, modifies where some elements ordood, few removed but most some.

Changes in WM Page No Date Rete Algorithm → In Changes Much less work previous soit > played < sz) If worrent soft nd prepart then 3 (trump ^suit <t>) Day Toump Suit (God ^suitce> name<r> 5)-(card scrit(s) player up? Rete -> Rete Net -> Structure maintained Rete algorithm 15 made up of 2 layers <tc> DUCKIMINATION ASSIMICITAVE Make delete tre d-re tokens are generated tokes are inserted network. Rete These taken are changes in אטיישאו. working



	Page No. Date
	In some cycle matching of sule (1) of sule (3) 9s toppening.
Mine of	Rete network is compilation of rules
	ou it use have vete not, use don't r
	so We need to construct seto notions

Bare