10/11/21	Propositional Logic
12/11/24	Propositional Logic
	The state of the s
	Knowledge Base:
2+1	and in the part of the printer of the
1 1 12.	Alice is the mother of Bot
2.	Bob is the father of Charlie.
3.	A father is a parent.
A -	A nother is a parent.
5.	all parents have children.
6.	
	If someone is a parent, their.
٦.	children are eiblings.
	Alice is married to David-
	TEDACATA OF MALL LOS
-	Hypothesis:
	Charlie is a sibling of Bob.
	City of the control o
	Entailment Perocess:
	-38 m 1 3 . 8 m 2 . 6 . 10
	From the premise, Alice is the mother.
	of Bob, Bob is the father of Charlie.
	Both Alice and Bob are considered
	as parent and they both have
	Children Bob and charlie respectivel
	which satisfies premise. V)
	Forom premise vi) if anyone is a
	From premise vi) if anyone is a parent, then their children are eitlines
	siblings.
	so sob and Charlie are considered a
	children of sont
	children of a parent.
	: Charlie is a cibling of Bov.