Discrete Math: Agriments
Arguments: An "argument" is a sequence of statements. It consists of premises and a conclusion
Example: If John drinks beer, then John drinks alcohol. John drinks beer: (Therefore) John drinks alcohol.
2 premises and I conclusion Arguments can have any member of premises, but the last statement is the conclusion
Logical Form p->99
Worst to abstract from organists, and consider logical form.
Argument Form: A sequence of statement forms. It consist of premises and a conclusion
Argument Form
p 3 Known As Modus Ponens If all premises are "T" Valid then truth value of conclusion is "T"

Truth Table	for Modus	Ponens		
PTTFF	P=9 F T T	F	P F T F	- Critical Row All Premises "T" Conclusion is "T" Modus Porens is Valid
_				9

Example 2. If John drinks beer, then John drinks alcohol.
John doesn't drink beer. .. John doesn't drink a koho!

Logical Form Truth lable

| PT | 9T | P79 | 7D | 79 |

| F | F | F | T |

| F | T | T | T | T | T | T | T |

| Sold Row Premises "T", Conc. "F"

| 3rd Row Not Valid