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lecture 2:
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Conjunction. and, A

Evample: today is firday P 9 PA9,
it is vaining. T T T

T P P

Act P. today is firday P T P

g2 ill R vaining. T P P

PA9 2 today is firday and it is vaining.

3+3 2 8

3+3 2 8 4+2 2 9 Let P2 (3+328) 2 F 92 (4+29) 2 F PAQ 2 3+828 A 4+229. PAQ 2 A F

Disjunction! V "OR" Either"

P q frq

T F T

F T T

P F F F

Evample: today is forday
it is raining.

Let pe today is forday

g2 ill is raining.

Prop 2 today is forday or it is raining.

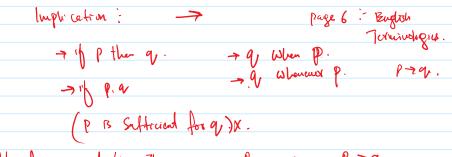
Big Mistake!

Evample: today is not fiday
it is vaining.

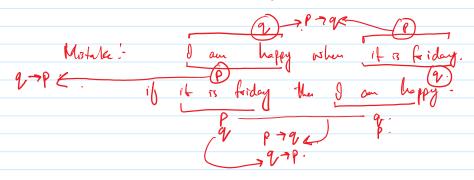
Let p. today is fiday
g2 if is vaining.

TP 2 today is not friday.

TP 19 19 2 today is not friday and



I will take the flight off I bug the troket.



Priceduce: BODMAS.

Pycledence: BODMAS. 2- N 3- ∨ 4- -> P11 (You can access the Internet) only of

(for are a CS major) or (for are not a freshman) Solution: Let P2 You Can access the Jeterst.

92 you are a feedman. P -> (9 VT8) Juph cation: P-q. Converse: 9-7 Juvitse: 7p -> 79 Contrapositive: 79 77. W. It is raining then we will win the metch. 9-7p2 of we win the world the It is raing. 7p-77g2 of it is not vaiving the we will not win The match. 79, 77P2 austrait 78 - 3. Contrapositive. 7(75)=778 = 5 -> 78 hvetse Converse 75 -7(71) = 75 -7 Juphreatur. BK15/12. 1- System Consistency; P. 1.

