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COMPODO9 Revision Notes
        Formal Logic: Syntax, Semantics,, proof system (Infrance)
how to what it deducen proofs
                                what it deducen proofs.
                          write
Propositional Logic.
        bub: = 6/6/4/
        fm == 20017 fm | fm o fm
                          an operand N.V or >
       Literal: prop or its negation p/7p
       Main Connective: (p/q) (q->r)

the connective with the largest scope (most outside, highest lul)
       Semantics
           V > evaluation. Tout his I felse.
              U(7$)= T => V($)=1
              1($\psi\psi)=T > 1c\psi) = 1c\psi)=T.
              J($V$)=7 (3) v($)=7.
              ν(φ → ψ) - T ⇔ ν(σφ) = T = (ψ= φ)ν
      Validisy, Satisfiability, Equivdence.
           $ is valid if uch = 7 for all types of valuations v. (always true)
           of is saistinule if IV veg)=7. (true at least once)
           $ and \( is logically \( \alpha \) iff \( \dagger \) u(\( \phi \)) = \( \dagger \frac{\phi}{2} \phi \)
              All valid fula one satisficult
Predict Logic
         Language L (C, F, P)
                 C constat symbols.
                  F fuction symbols for (n-any)
                  P a nonconty predicate symbol set pr (n-cry)
                     tm: = v: vever c: cec f(Em ... +m): fef.
                        3+ (x x 2) ( +(3, x(x, 2)).
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