Introduction & HTML trees (< body>
< h | class = "title" id = "the litle" > litle 4/h1> (dis class = "container"> < P> Welcome to this < hvef="#"> presentation 1/20) =/10> 4p> Hopefully you will learn at least is something 4is about its CSS, selectors 1/2, and clos Boolean Abelovas </br> div. contamer 11. title# the Fifte die > p > a [hvet. Distant Minediate technically a space Horizontal add more attributes: div. container. special [title] not more elements, since a node has only one element type i dis and p never overlap. things with selector: : not (div > p) & clements, nover selection

Excluded Middle: H = a | not a Introduction (continuuauauauauauau) Dollar Algebra everywhere in language and mathematics Boolean Algebra Book where H=T ff=F, not T=F, not F=T tt=not ff

788 T=T -88-= F "conjunction",

FIF=F, -11-= T -"disjunction" Lift over Tuple as expected. Even predicates: Ha, b. Boolean Algebra b. a > 5 Eus e.g. iskeyword = (eq. "let") || eq. "in" || eq. "where" || ...

sex is Operators = eq. ">" || en "" | 'onjunction forms a idempotent, commutative monoid with the as identity, If as aunihitators. Disjunction: similar story, It and I swap voles. 15tributivity: (a 88 b) 11c= (a11c) & & (611c) (a (1 b) && c = (a && c) (1 (b & R c) e Mozgan: not (a & & b) = not a || not b
not (a | (b) = not a & & not b coherence DNF:= clause | clause | I' DNF did it again clauce := term | term '86' clause term := 'not' var | var actually, this is var := 'a' - 'z' whatever datatype. Newtype DIF var = Set (Map var Boolean) Negated or unnegated in a conjunctive clause set of 1 disjoined Clauses