Operator Precedence Parsing (Bottom Up parser) It is used to define the mathematical operators for the compiler Operator grammar: DE => E+E | E\*E | id The above grammar is operator grammar berouse no two variables are adjacent E -> EAE | id => E-> E+E | E\*E | id => Thus is operator and a -> + | \* => A -> + | \* => Grammer This grammar D and D are same but the difference is that the two variables are adjacent un & grammer and, it is not operator grammar. the order of the second of the Example 2 S - SAS a A -> 636/6 The glove grammar is not operator grammar because two variables are adjacent convert to operator grammar S-> SbSbS | SbS | a A -> bSb | b This is operator grammar

& XXX perator precedence passes were can do the passey by constructing operator toller table. for example E-> E+E Ext id id >+ Identifier will be given higher precedence · 5 (id'>+) 2) Two ids can never be compared because they cannot be adjacent un 5 td. id > \* ( same reason as (1) (same reason as D) is left associative : Highert precedence will be give to