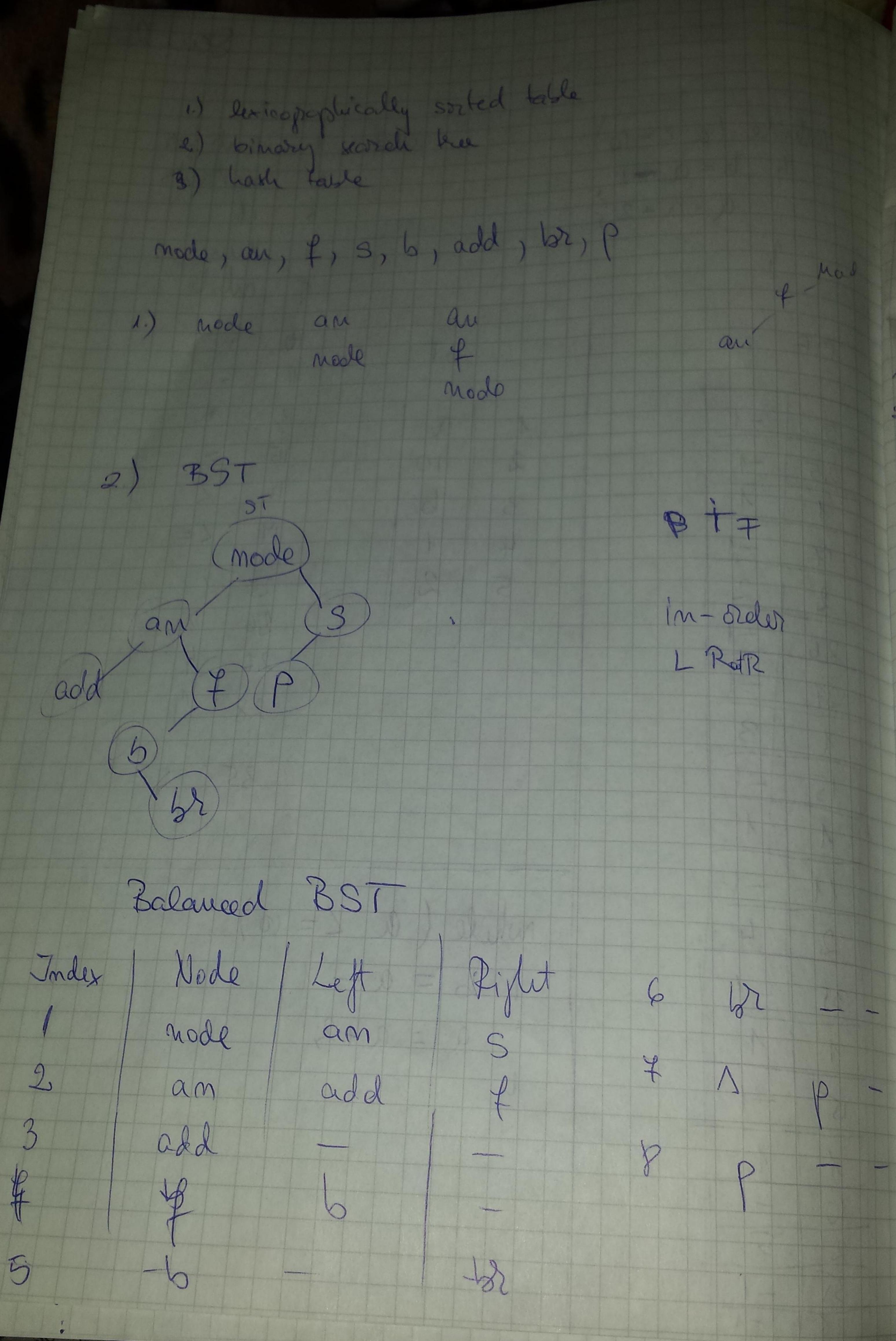
Propanny Layengs Lenc char a, ... 2, A, ... 2 digits 0,1, ,9 spec other +,-, <, >, (,), C, 3, 78 11 Syntax 11 Semantes 5 oateparies d'herical items: while Keywords 1) Reserved words: while, for, if, else,. 2.) Separators (Selimitors): (,), 4, 9, 1, 1, 1, 3, 3, (men line) "vhite separators": (neu lime) (whe space) loxical op: and, or, met 3.) Operators - arithmetic op: +, -, /,* - ralational op: <,>, <= - assignment op:

4.) Identifiers -> RULE 5.) Constants - integer - real (float - char - string - pointer - bool: true, fals Syntax Syntax rules BNF (Backus - Nawr - Form) (externaled) EBNF - primutives (lex tokens) - syntectical combuetions lifstant, condition - conectives Gaplar one times glocut b; init a= 20;

List seclaration == Seel / Secl"; "List Seel Secl == Tupe 1 d ";" List teel = = teel ", " List Heel (C)
beel = = Type Ud) Type == "int" | "float" L1d == 31d "3"5" L1d 103 DId == Id | Id '=" Const letter = = "a" |... "2" 11d == Id ["=" Const] Id = = letter h letter | digit) ->1 Type 1 ->1 Id 1-17 13/19 sem 8-10, 12-14



mode am 4 S b add br P 1 3 9 2 9 3 9 9 1) Open Bucket 21.) Closed Bucket Open Adobress 4 strategres 1) Open Bucket - Seorel id in St h (ad) Mode id = bt h (6t) = 9 Inst found whould insert an Hadd // go Misty a less) more efficient.

2) Closed Bucket b- porche fra postron mode - sas de: Same insurt: bad keu the orber an