Attribute grammar and dependency graph

Altabutes 3- Enum, id3

AS(exp) = AS(exp2) = AS(exp3) = AS(texm) = {num?:double}

AS (assignment) = {id 1: char?

AS (lane) = Envm?: double, ad 1: charz

Attobate trammar.

```
{ line.id+ := assignment.id+ }

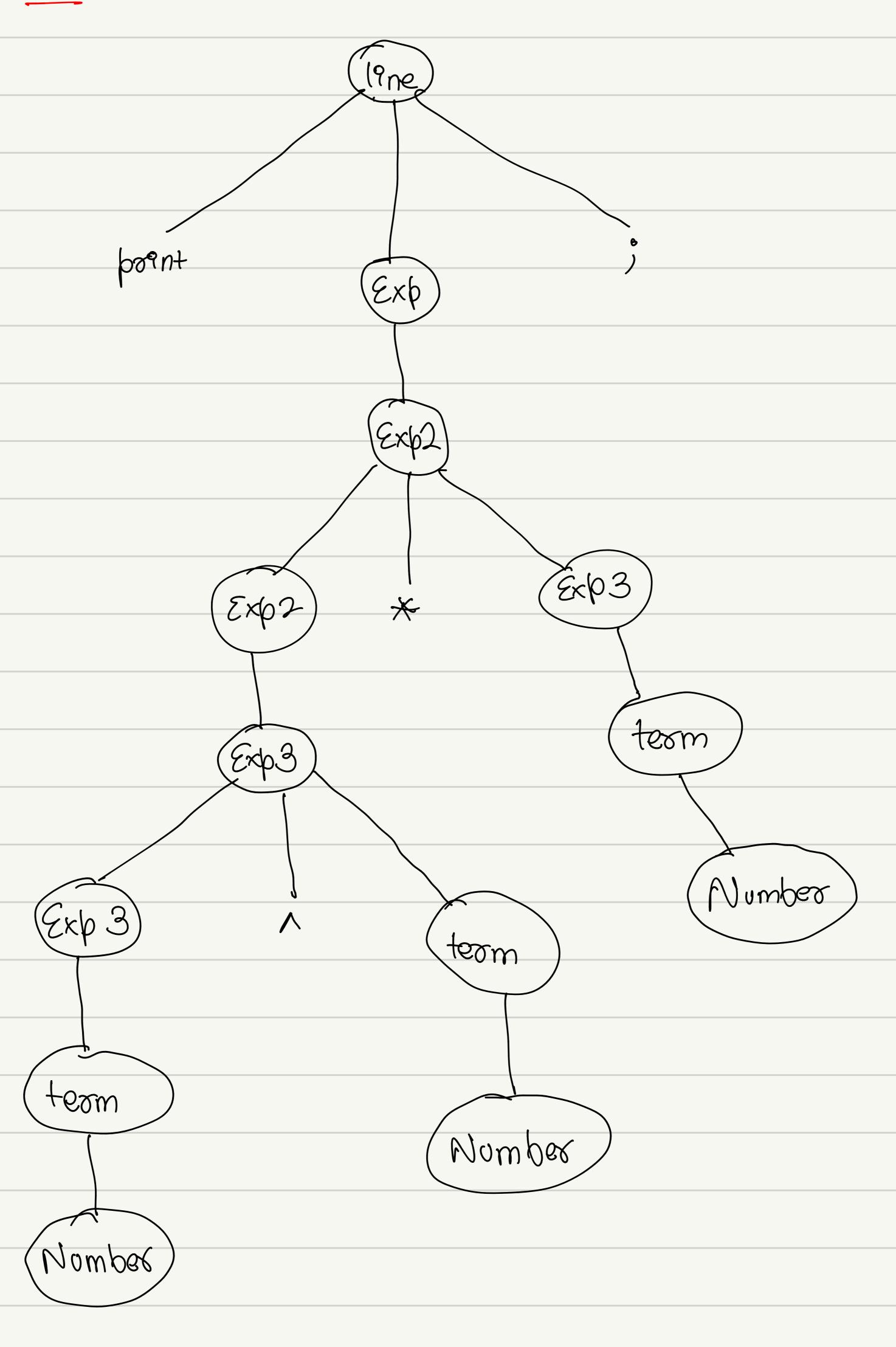
    line -> assignment;

line -> exit;
line -> print exp;
                                          [ line.num+ := exp.num+ }

    line -> line assignment;

                                         { line.num+ := line.num+ , line.id+ = assignment.id+}
                                          line.num: := line.num: , line.num: = exp.num:}
line -> line print exp;
line -> line exit;
                                          line.num+ := line.num+}
                                         { assignment.id+ := identifier.id+ }
7. assignment -> identifier = exp
8. exp -> exp2
                                           exp.num<sub>1</sub> := exp2.num<sub>1</sub> }
9. exp -> exp + exp2
                                         { exp.num: := exp.num: + exp2.num: }
10. exp -> exp - exp2
                                         { exp.num: := exp.num: - exp2.num: }
11. exp2 -> exp3
                                         { exp2.num+ := exp3.num+ }
12. exp2 -> exp2 * exp3
                                         { exp2.num+ := exp2.num+ * exp3.num+ }
13. exp2 -> exp2 % exp3
                                         { exp2.num+ := fmod(exp2.num+, exp3.num)+ }
14. exp2 -> exp2 / exp3
                                         { exp2.num+ := exp2.num+ / exp3.num+ }
15. exp3 -> term
                                         { exp3.num+ := term.num+ }
16. exp3 -> exp3 ^ term
                                         { exp3.num+ := pow(exp3.num+, term.num+) }
                                         { term.num+ := number }
17. term -> number
18. term -> (exp)
                                          term.num<sub>1</sub> := exp.num<sub>1</sub> }
                                          term.num+ := symbol(identifier.id+); }
19. term -> identifier
```

Examples >
point 5¹3*4; -> point Number 1 Number 2 Number;



Dependency Graph

