

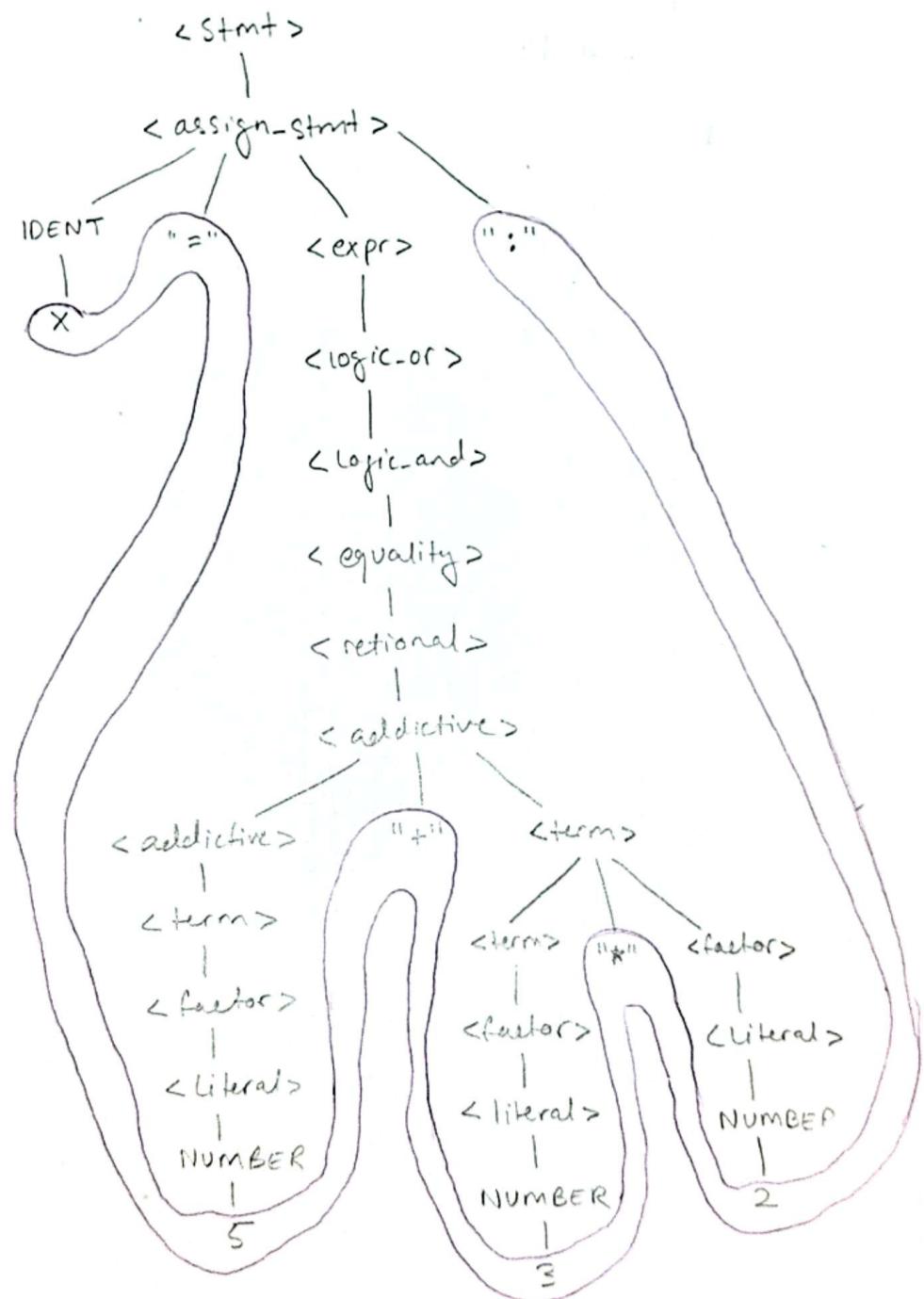
# Parse tree (Syntax Analysis)

Rightmost derivation

Tree # 1 : The Math & precedence Tree

Purpose : To show that precedence is correct.

Input :-  $x = 5 + 3 * 2$  : (3\*2 will happen first).



## Tree #2: the loop structure explained

purpose : to show how the compiler parses complex statements.

input code :-

```
loop i in 1..9 {  
    plot i;  
}
```

