In-Lab Demo

Wednesday November 13

Context-Free Grammar.

1. Non-terminals (internal nodes; recursive)

2. Terminals. (leaves; base cases)

Production

↳ Grammar → String of expression

Parse

↳ String → parse tree

Production.

Expression

→ IntegerConstant

→ 1

2

2345

Production.

(False % a.b.c)

Expression

→ (BinaryOp)

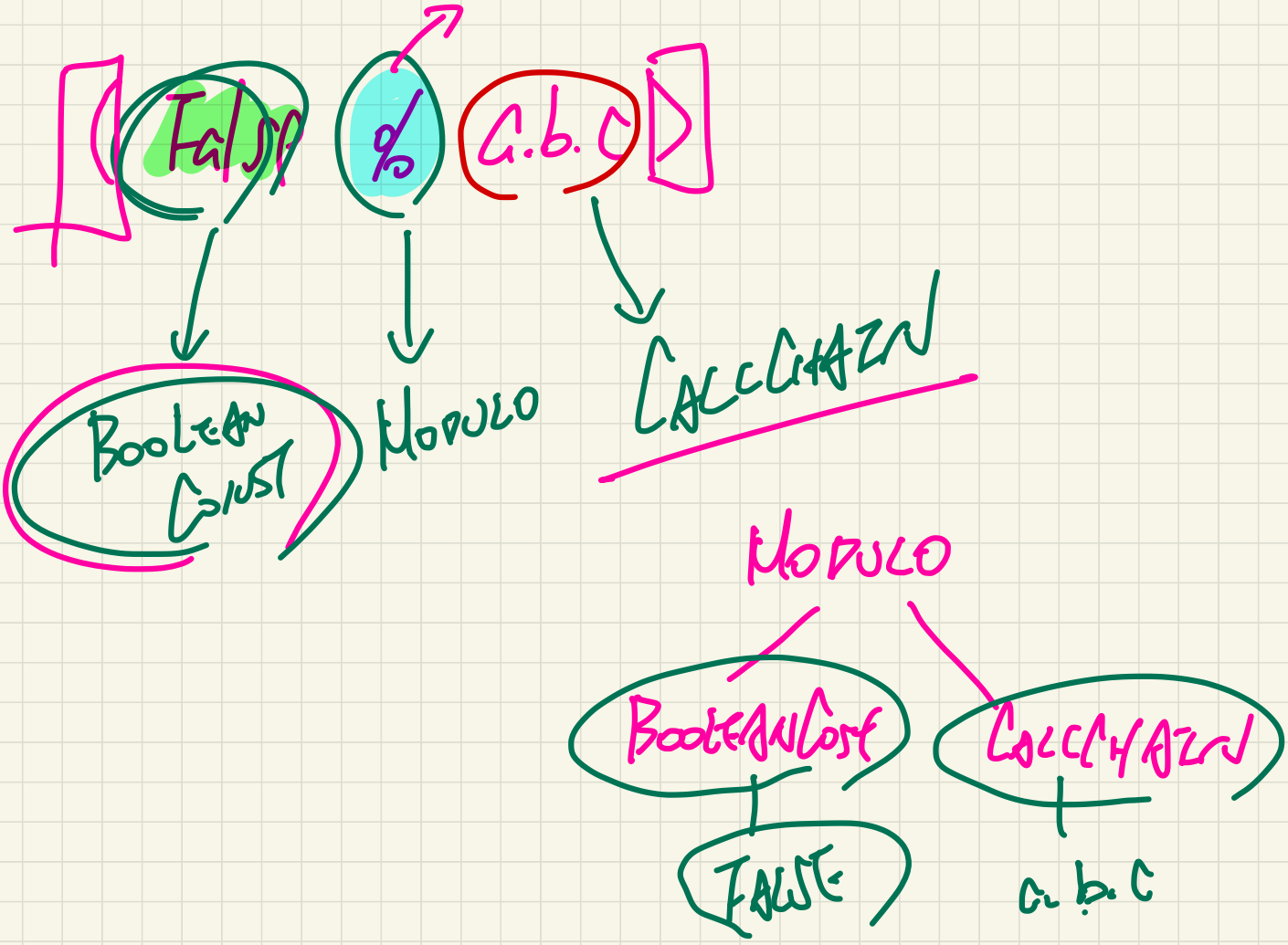
→ (Expression % Exp.)

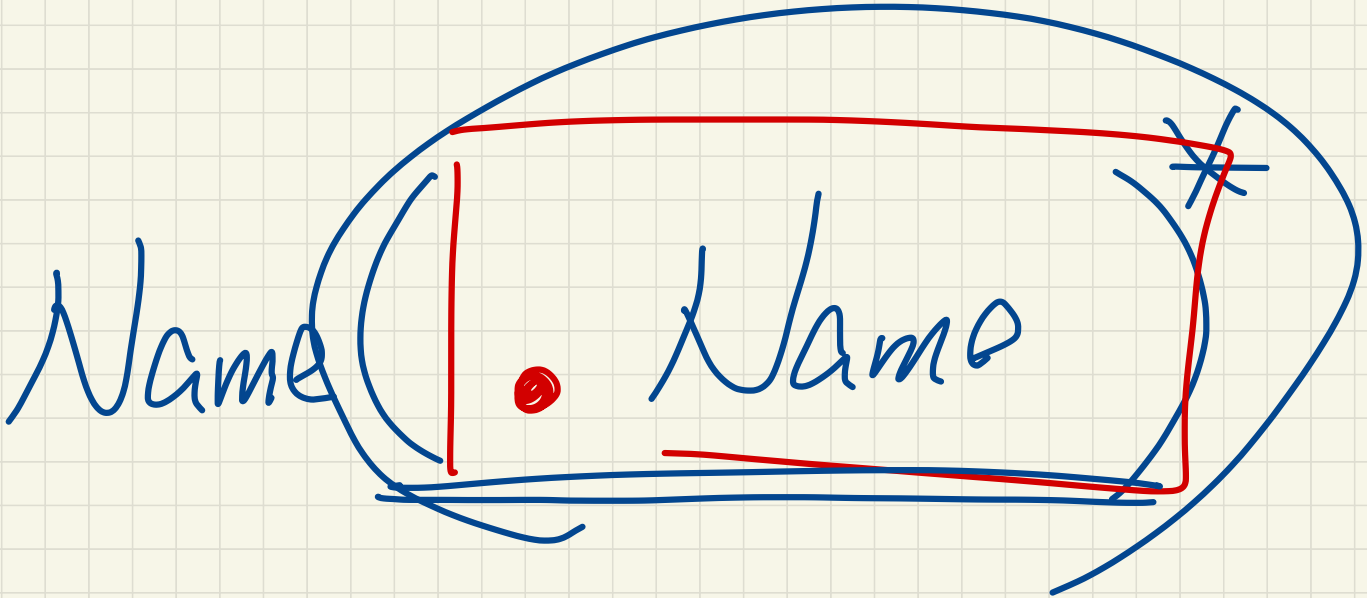
Expression → BooleanLost → False.

Exp. → CallChain → "a.b.c"

CallChain → "a"

CallChain → "a.b"


false
%
a.b.c
BooleanConst
Modulo
CalcChain
Modulo
BooleanConst
CalcChain
false
a.b.c



a

a.b

a.b.c