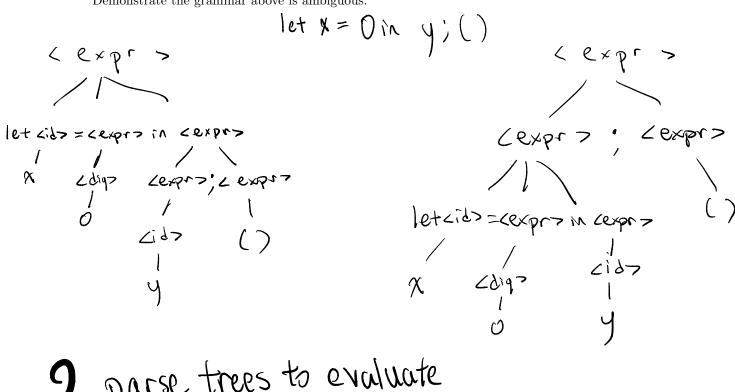
## BU CS320 Assignment 6: Context Free Grammars

## November 6, 2023

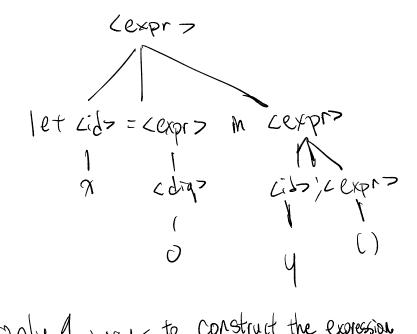
1. Given the following grammar where  $\langle expr \rangle$  is the starting symbol:

Demonstrate the grammar above is ambiguous.



2 parse trees to evaluate expression: letx=0my;() 2. Modify the grammar (reproduced below) to be unambiguous. Hint: There is not just one way.

3. Demonstrate your modified grammar fixes the previously shown ambiguity.



Only 1 way to construct the expression let 
$$x = 0$$
 in  $y(1)$