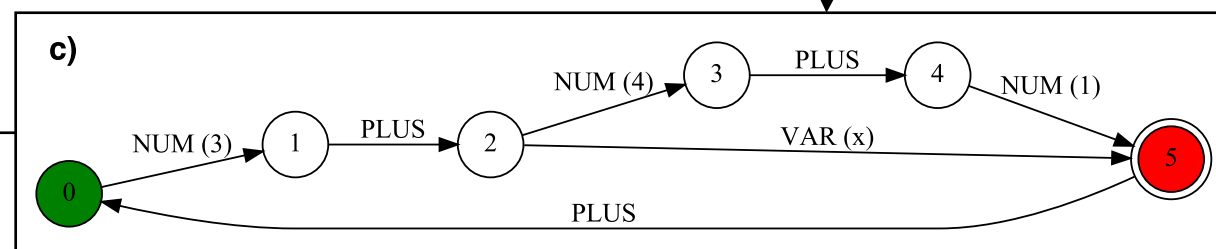
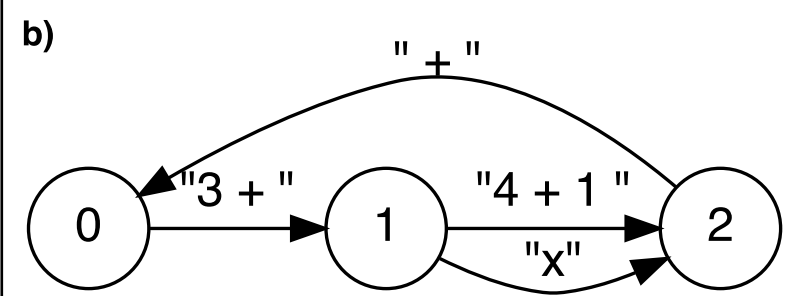


```
a)
string expr = "3 + " + (cond1 ? "4 + 1" : "x");
string finalExpr = expr;
while(cond2){
    finalExpr = finalExpr + "+" + expr;
}
```



e)

$$\begin{aligned} s &::= e + s \mid e \\ e &::= \text{NUM} \mid \text{VAR} \end{aligned}$$

d)

GLL for
string-embedded
languages

