7.7
Pushdown automata
Things to know: Pushdown Automata

**PDA:** A **NFA** coupled with a stack

**PDA** and **CFGs** are equivalent: both generate exactly **CFLs**.

**PDA** is a machine-centric view of **CFLs**.
Pushdown automata by example

$q_0 \xrightarrow{ε, ε} q_1 \xrightarrow{ε, $} q_2$

$[, ε \rightarrow [ (, ε \rightarrow (]

$ε, ε \rightarrow \$

$\], [\rightarrow ε (, ) \rightarrow ε$
THE END

... 

(for now)