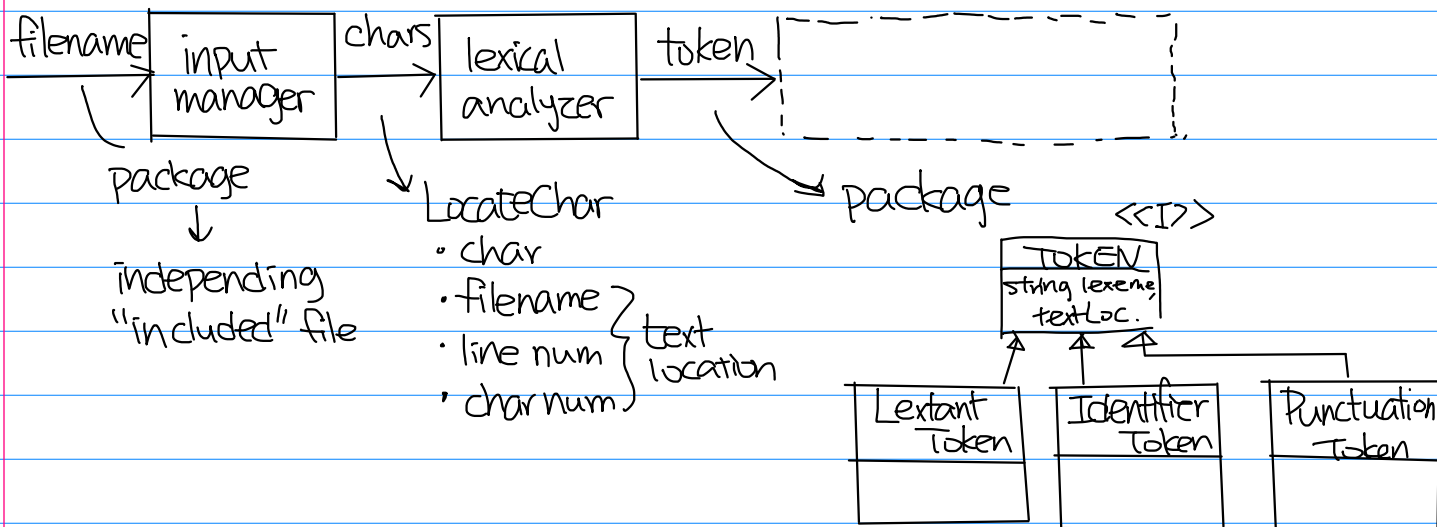
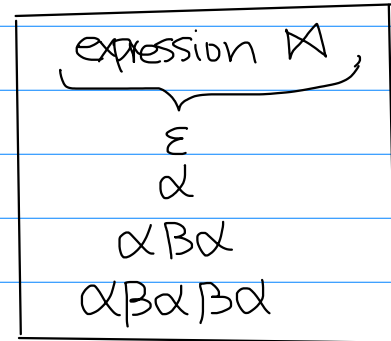


Regular Expression

bold: literal, terminal (name not expanded)

italic: an instance of whether the name is defined as (nonterminal)

- $\alpha | \beta$ either α or β where $\alpha \in \beta$ are reg. expr.
- α^* means 0 or more repetition of α
 $(a|b)^* = abaaa$
- empty string is denoted ϵ (epsilon)
- α^+ means 1 or more repetition of α [$\alpha(\alpha^*)$]
- (α) mean α
- $\alpha^?$ denotes 0 or 1 α ($\alpha | \epsilon$)
- $\alpha^\times = (\alpha(\beta\alpha)^*)^?$
 list of 0 or more α separated by β



Lextants

keyword (true false box) ...

punctuator :

operators $\rightarrow +, /, *, /, <$

punctuations $\rightarrow \{ | \} | ; | > | < -$