HASKELL-declarations

$$\text{decl} \quad \rightarrow \quad \text{typedecl} \mid \text{fundecl}$$

$$\text{typedecl} \quad \rightarrow \quad \text{var}_1, \ldots, \text{var}_n \; :: \; \text{type}, \quad n \geq 1$$

$$\text{var} \quad \rightarrow \quad \text{string starting with lower case symbol}$$

$$\text{fundecl} \quad \rightarrow \quad \text{funlhs rhs}$$

$$\text{funlhs} \quad \rightarrow \quad \text{var pat}$$

$$\text{rhs} \quad \rightarrow \quad = \; \text{exp}$$

square 11

square (12 - 1)

(12 - 1) * (12 - 1)

(12 - 1) * 11

11 * (12 - 1)

11 * 11

121