

primary-expression:

- (expression)
- identifier
- character
- string
- num

postfix-expression:

- primary-expression
- postfix-expression [expression]
- postfix-expression (expression-list)
- postfix-expression ()
- postfix-expression . identifier
- postfix-expression -> identifier

prefix-expression:

- postfix-expression
- ! prefix-expression
- prefix-expression
- * prefix-expression
- & prefix-expression
- sizeof prefix-expression
- sizeof (specifier pointers)
- (specifier pointers) prefix-expression

multiplicative-expression:

- prefix-expression
- multiplicative-expression * prefix-expression
- multiplicative-expression / prefix-expression
- multiplicative-expression % prefix-expression

additive-expression:

- multiplicative-expression
- additive-expression + multiplicative-expression
- additive-expression - multiplicative-expression

relational-expression:

- additive-expression
- relational-expression < additive-expression
- relational-expression > additive-expression
- relational-expression <= additive-expression
- relational-expression >= additive-expression

equality-expression:

- relational-expression
- equality-expression == relational-expression
- equality-expression != relational-expression

logical-and-expression:

equality-expression
logical-and-expression && equality-expression

expression:
logical-and-expression
expression || logical-and-expression