

Introduction

The `LParen` class is derived from the `Token` class. An `LParen` object represents a left parenthesis.

Data Members

- None.

Public Member Functions

Constructors

- Only the automatic default and copy constructors.

Inspectors

- `char symbol() const;`
Returns a left parenthesis.
- `Precedence prec() const;`
Returns the precedence level.

Facilitators

- `void input(istream& in);`
Reads a character from the `istream` and verifies that it is a left parenthesis. (Do not store the character.)
- `void output(ostream& out) const;`
Writes a left parenthesis to the `ostream`.

Non-member Functions

- `istream& operator>>(istream& in, LParen& lp);`
Reads the operator from the `istream`.
- `ostream& operator<<(ostream& out, const LParen& lp);`
Writes a left parenthesis to the `ostream`.