Amir garsha Iravani | October 8, 2021

Matrix

int colSize

int rowSize

vector<vector<double>> matrix

- + Matrix()
- + explicit Matrix(const int n)
- + Matrix(int r, int c);
- + explicit Matrix(vector<double> values)
- + Matrix(const Matrix &otherMatrix)
- + void setValue(int r, int c, double val)
- + double getValue(int r, int c) const
- + void clear()
- + ~Matrix()
- + friend ostream& operator<<(ostream &os, const Matrix& obj)
- + friend bool operator==(const Matrix& lhs, const Matrix& rhs)
- + friend bool operator!=(const Matrix& lhs, const Matrix& rhs)
- + Matrix& operator++()
- + Matrix operator++(int)
- + Matrix& operator--()
- + Matrix operator--(int)
- + friend void swapMatrix(Matrix& first, Matrix& second)
- + Matrix& operator=(Matrix other)
- + Matrix& operator+=(const Matrix& rhs)
- + friend Matrix operator+(Matrix lhs, const Matrix& rhs)
- + Matrix& operator-=(const Matrix& rhs)
- + friend Matrix operator-(Matrix lhs, const Matrix& rhs)
- + Matrix& operator*=(const Matrix& rhs)
- + friend Matrix operator*(Matrix lhs, const Matrix& rhs)
- + int getColSize() const
- + int getRowSize() const