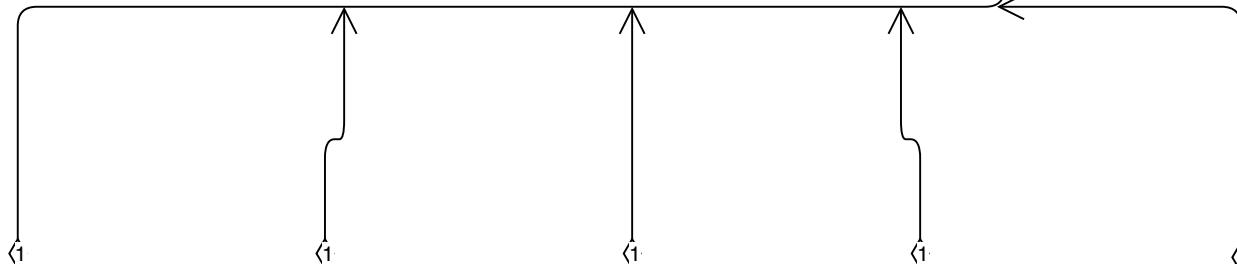
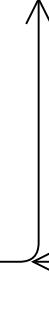


matrix
<pre> row : int col : int size : int matrix_arr : double[] TOLERANCE : double </pre>
<pre> matrix(); matrix(int n); matrix(int r, int c); matrix(double array[], int n); matrix(const matrix &m); matrix& operator=(matrix&& mat2); void set_value(int r, int c, double value); double get_value(int r, int c) const; void clear(); int get_row() const; int get_col() const; int get_size() const; virtual ~matrix() friend std::ostream& operator<<(std::ostream& out, matrix& matrix) static constexpr double TOLERANCE = 0.0001; friend bool operator==(const matrix& mat1, const matrix& mat2); friend bool operator!=(const matrix& mat1, const matrix& mat2); matrix& operator++(); matrix operator++(int); matrix& operator--(); matrix operator--(int); matrix& operator+=(const matrix& mat2); friend matrix operator+(matrix lhs, const matrix& rhs); matrix& operator-=(const matrix& mat2); friend matrix operator-(matrix lhs, const matrix& rhs); friend matrix operator*(const matrix& lhs, const matrix& rhs); matrix& operator*=(const double& num); </pre>

parent	child
	<p>pagerank</p> <pre> double array[16]; int count = 0; int sum; </pre>
	<pre> const double P{0.85}; void open_file(); void createranks(matrix& mat); void importance(matrix& mat); void set_n(matrix& mat); void check(matrix& mat); void divide_sum(matrix& mat); void rankmatrix(); </pre>

Exception
+ field: type



negative_exception	zero_exception	sqrt_exception	bound_exception	size_exception
struct	struct	struct	struct	struct
exception	exception	exception	exception	exception