**CodeReuse Class**

The **CodeReuse** class is designed to help with common programming tasks such as sorting arrays, finding the maximum value, and performing matrix addition. It provides several methods that can be reused in different parts of a program.

**Methods:**

**1. sortAscending**

This method sorts an array of integers in ascending order using the bubble sort algorithm.

**Parameters:**

**arr**: An array of integers to be sorted.

**2. findMax**

This method finds and returns the maximum value in an array of integers.

**Parameters:**

**arr**: An array of integers to find the maximum value from.

**Returns:**

The maximum value in the array.

**3. matrixAddition**

This method adds two matrices and returns the result as a new matrix.

**Parameters:**

* **matrixA**: The first matrix to be added.
* **matrixB**: The second matrix to be added.
* **rows**: The number of rows in the matrices.
* **columns**: The number of columns in the matrices.

**Returns:**

The resulting matrix after adding **matrixA** and **matrixB**.

**4. printArray**

This helper method prints the contents of a one-dimensional array.

**Parameters:**

**arr**: The array to be printed.

**5. printMatrix**

This helper method prints the contents of a two-dimensional matrix.

**Parameters:**

* **matrix**: The matrix to be printed.

**Main Class**

The **Main** class serves as a demonstration of how to use the methods provided by the **CodeReuse** class. It contains a **main** method that showcases the usage of array sorting, finding the maximum value, and matrix addition.

**Methods:**

**1. main**

The main method demonstrates the usage of the **CodeReuse** class methods. It initializes arrays and matrices, sorts an array, finds the maximum value, and performs matrix addition.

This documentation provides a high-level overview of the methods and functionality of the **CodeReuse** class, as well as how to use it in the **Main** class. It is intended to help users understand the purpose and usage of the provided code in a straightforward manner.

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