**CodeReuse Class**

Description:

The **CodeReuse** class encapsulates methods related to sorting arrays, calculating statistics, and performing matrix multiplication.

Methods:

1. **sortDescending(int[] array)**:
   * **Description:** Sorts the given array of integers in descending order.
   * **Parameters:**
     + **array**: The array to be sorted.
   * **Returns:** A new array containing the elements of the input array in descending order.
2. **calculateStatistics(int[] array)**:
   * **Description:** Calculates statistical measures for the given array of integers.
   * **Parameters:**
     + **array**: The array for which statistics are calculated.
   * **Returns:** An array of doubles containing the median, variance, standard deviation, and sum of squares.
3. **matrixMultiplication(int[][] matrixA, int[][] matrixB, int rowsA, int columnsA, int columnsB)**:
   * **Description:** Performs matrix multiplication on two matrices.
   * **Parameters:**
     + **matrixA**: First input matrix.
     + **matrixB**: Second input matrix.
     + **rowsA**: Number of rows in matrixA.
     + **columnsA**: Number of columns in matrixA (also the number of rows in matrixB).
     + **columnsB**: Number of columns in matrixB.
   * **Returns:** The resulting matrix after multiplication.
4. **printMatrix(int[][] matrix)**:
   * **Description:** Prints the elements of a matrix.
   * **Parameters:**
     + **matrix**: The matrix to be printed.
   * **Returns:** Void.

**MainClass**

Description:

The **MainClass** class contains the main method to demonstrate the usage of the **CodeReuse** class methods.

Methods:

1. **main(String[] args)**:
   * **Description:** The entry point of the program. Creates an instance of **CodeReuse**, calls its methods with sample data, and prints the results.
   * **Parameters:**
     + **args**: Command-line arguments (not used in this program).
   * **Returns:** Void.

Usage:

1. Create an instance of the **CodeReuse** class.
2. Use the instance to call methods for sorting arrays, calculating statistics, and performing matrix multiplication.
3. The **MainClass** demonstrates the usage of these methods with sample data.

Note:

Ensure that both classes are in the same package or directory when compiling and running the program. To execute the program, run the **MainClass** class.

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