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/*
 *      A utility class of common methods for array handling.
 */

import java.util.Scanner;

class ArrayUtils {
    public static double[] getArray () {
        Scanner inp = new Scanner(System.in);
        System.out.print("Enter the size of the array : ");
        int size = inp.nextInt();
        double[] numbers = new double[size];
        System.out.print("Enter the numbers : ");
        for (int i = 0; i < size; i++)
            numbers[i] = inp.nextDouble();
        return numbers;
    }
    public static void swap (double[] arr, int x, int y) {
        double t = arr[x];
        arr[x] = arr[y];
        arr[y] = t;
    }
}

```

```

/*
 *      Variable Description :
 *      -----
 *      Serial no. | Variable name | Data type | Purpose
 *      ~~~~~
 *      1 | inp | Scanner | Object for input
 *      -----
 *      2 | size | int | Store the size of the
 *      | | | array 'numbers[]'
 *      -----
 *      3 | numbers | double[] | Store the numbers
 *      | | | entered
 *      -----
 *      4 | i | int | Counter variable
 *      ~~~~~
 */

```