

Kadir Has University
Department of Computer Engineering
CE 242 - Data Structures and Algorithms
Spring 2010 – Ahmet Ardal
Lab Assignment 1

1. Write a function that takes an integer array as input and prints out all elements in the array.

Function signature:

```
public static void displayArrayInt(int[] arr) { ... }
```

2. Write a function that takes an integer array as input, finds the maximum-valued element in the array and returns it.

Function signature:

```
public static int findMax(int[] arr) { ... }
```

3. Write a function that takes an integer array as input, calculates the average of the elements in the array and returns it.

Function signature:

```
public static double calculateAverage(int[] arr) { ... }
```

Note: While implementing the functions above, write your code into the function body of the corresponding function definition in the Java source file named "CE242_HW1.java", which is provided on the Blackboard. Also a main() function with some test code is available within that file for you to test the functions.