Kadir Has University Department of Computer Engineering CE 242 - Data Structures and Algorithms Spring 2010 - Ahmet Ardal Lab Assignment 3

1. Write a function that prints an array's elements in reverse order. The function should start printing elements from the [startldx]th element, and the algorithm should be recursive.

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Function signature:
public static void printArrayReverse(int[] arr, int startIdx)
```

2. Write a function that searchs a specific key in an array using the binary search algorithm. The function should return the index number if the key is found, otherwise a value of -1 should be returned. Again the algorithm should be recursive.

Function signature:

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_HW3.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.