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**School of computer application**

Assignment: 8

of

Programming in Java - LAB (CAP 680)

**Session 2022-2024**

**Submitted to: Submitted by:**

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**Code**

**import java.util.\*;**

**public class MyProgram {**

**public static void main(String[] args) {**

**int[] groupA = {15, 0, 17, 0, 18, 0, 3, 11, 18, 20};**

**int[] groupB = {9, 10, 4, 0, 8, 12, 0, 0, 18, 17};**

**int[] groupC = {16, 6, 2, 10, 0, 0, 0, 11, 9, 5};**

**zeroToEnd(groupA);**

**zeroToEnd(groupB);**

**zeroToEnd(groupC);**

**System.out.println("Group-A" + Arrays.toString(groupA));**

**System.out.println("Group-B" + Arrays.toString(groupB));**

**System.out.println("Group-C" + Arrays.toString(groupC));**

**}**

**public static void zeroToEnd(int[] group) {**

**int count = 0;**

**for (int i = 0; i < group.length; i++) {**

**if (group[i] == 0) {**

**count++;**

**} else {**

**int temp = group[i - count];**

**group[i - count] = group[i];**

**group[i] = temp;**

**}**

**}**

**}**

**}**

**Output**

**Graphical user interface, text

Description automatically generated**