COMP1020 Winter 2024

In-Class Participation Week 3 Thursday

Q1) What is the output/ error for the code below? [1M]

```java
import java.util.*;

public class Q1 {
    public static void main(String[] args) {
        ArrayList<String> myArr = new ArrayList<String>();
        String one = "One";
        String two = new String("Two");
        myArr.add(two);
        myArr.add(one);
        ArrayList<String> otherArr = myArr;
        otherArr.add("Three");
        for (String val : myArr)
            System.out.print(val + "->");
        System.out.println();
        for (String val : otherArr)
            System.out.print(val + "->");
    }
}
```

Q2) Let the user input the values for two ArrayList values **[2M]**

Input:
    arr1: ["aaa", "bbb","ccc"]
    arr2: ["ddd","eee", "fff"]

Now join the ArrayList using loops

Output: array1: ["aaa","bbb","ccc","ddd","eee","fff"]
           array2: ["ddd", "eee", "fff"]

Q3) Write a program to create an ArrayList and insert numbers **[2M]**
        24, 65, 12, 24, 27, 120, 73, 90, 142.

a) Remove odd numbers from the list.

b) Find the maximum and the minimum element in the ArrayList.