CMSC203
Class Assignment, ArrayList

Part1

1. Create an array list without defining the type. Call it “temp”
2. Add the following:
    a. int 10
    b. Sting “John”
    c. boolean “true”
    d. double 5.7
3. Display the contents of temp

Part 2

1. Create an array list of integers. Call it `intArr`.
2. Add the following:
    a. 1
    b. 2
    c. 5
    d. 7
    e. 9
    f. 19
3. Create a new array list which has the numbers in reverse order. Call it `reverseArr`
4. Print `reverseArr`

Part3

1. Remove number 7 from the list.
2. Remove number 5 from the list.
3. Display the contents of the array again

The new array should look like this: [1, 2, 9, 19]

1. Add number 100 between number 1 and 2

Should look like this: [1, 100, 2, 9, 19]

Answer :

```
public class TempTest {

        public static void main(String[] args) {
                ArrayList  temp =  new ArrayList ();
                temp.add(10);
                temp.add("John");
                temp.add(true);
                temp.add(5.7);
           System.out.println(temp);
```

```
        ArrayList<Integer>  intArr =  new ArrayList<Integer> ();
        intArr.add(1);
        intArr.add(2);
        intArr.add(5);
        intArr.add(7);
        intArr.add(9);
        intArr.add(19);
        ArrayList<Integer>  reverseArr =  new ArrayList<Integer>();
        for (int i = intArr.size()-1; i >=0; i--)
                reverseArr.add(intArr.get(i));

        System.out.println(reverseArr);
        intArr.remove(new Integer(7));
        System.out.println(intArr);
        intArr.remove(new Integer(5));
        System.out.println(intArr);
        intArr.add(1, 100);
        System.out.println(intArr);
    }

}
```

Part4

1. Create an `ArrayList` of bank account objects (Copy `BankAccount.java` from CH6, available on Course Content-> Source Code of the Book Examples or K:\USERS\faculty\Monshi\CMSC203\SourceCode). Call it `accounts`.

2. Add two bank account objects to the array list with the following info:
    a. Account 1: balance = 1000
    b. Account 1: balance = 2000
3. Display the contents of `accounts`.