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Main.java

Share | Run

```java
import java.util.ArrayList;
import java.util.List;
public class CreateArrayListExample {
    public static void main(String[] args) {
        List<String> animals = new ArrayList<>();
        animals.add("Lion");
        animals.add("Tiger");
        animals.add("Cat");
        animals.add("Dog");
        System.out.println(animals);
        animals.add(3, "donkey");
        System.out.println(animals);
    }
}
```

Output | Clear

```
java -cp /tmp/TCHpA7EU8E/CreateArrayListExample
[Lion, Tiger, Cat, Dog]
[Lion, Tiger, Cat, donkey, Dog]

=== Code Execution Successful ===
```

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Main.java

Share | Run

```java
import java.util.ArrayList;
public class ArrayListExample {
    public static void main(String[] args) {
        ArrayList<Integer> numbers = new ArrayList<>();
        numbers.add(2);
        numbers.add(4);
        numbers.add(5);
        numbers.add(6);
        numbers.add(8);
        numbers.add(9);
        System.out.println("Element at index 3: " + numbers.get(3));
        numbers.set(2, 11);
        System.out.println("Updated element at index 2: " + numbers.get(2));
        System.out.println("Updated ArrayList: " + numbers);
    }
}
```

Output | Clear

```
java -cp /tmp/ccZ2y1vMH9/ArrayListExample
Element at index 3: 6
Updated element at index 2: 11
Updated ArrayList: [2, 4, 11, 6, 8, 9]

=== Code Execution Successful ===
```

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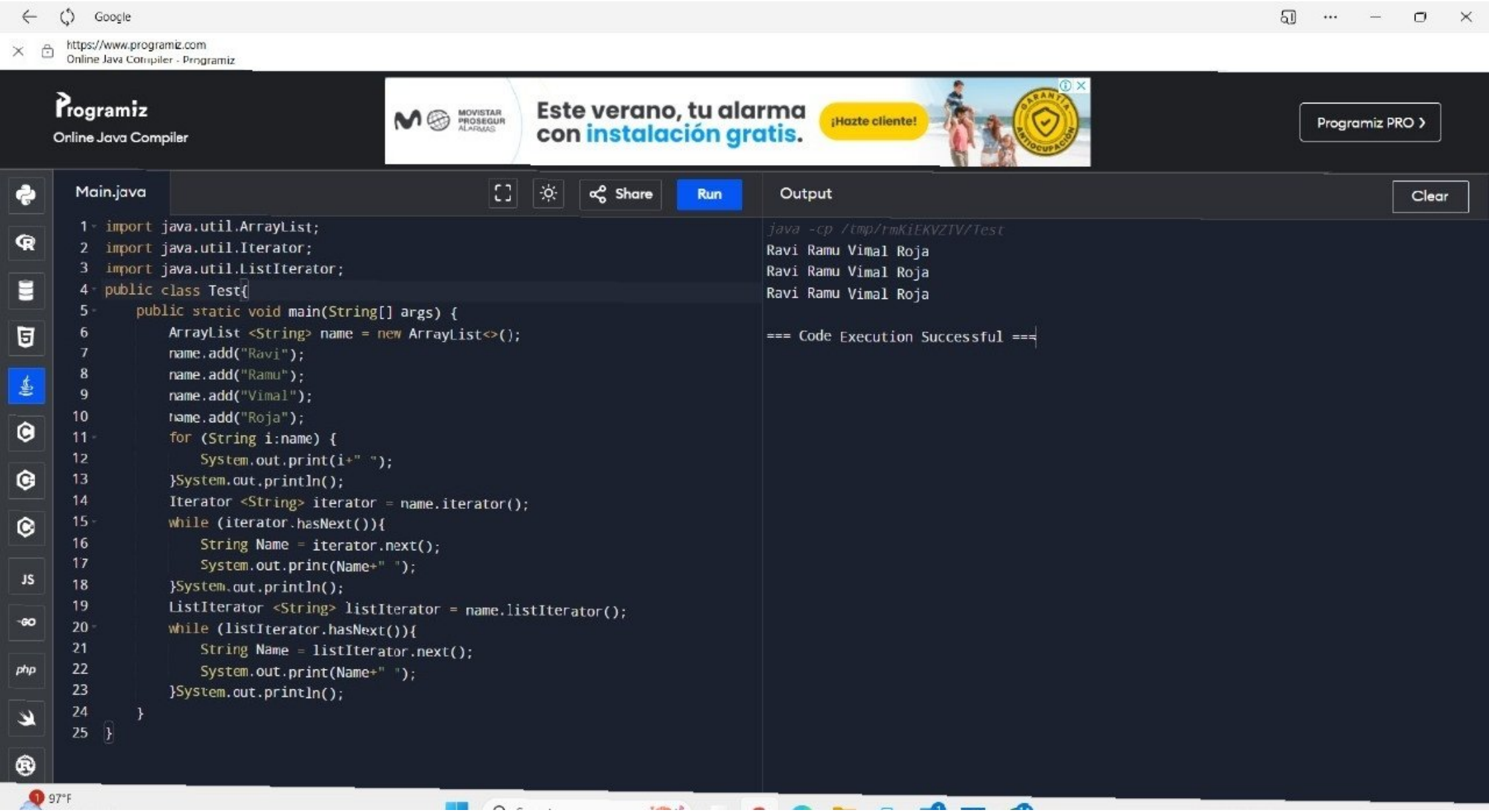
Main.java | Share | Run | Output | Clear

```java
import java.util.ArrayList;
public class ArrayListExample {
    public static void main(String[] args) {
        ArrayList<String> languages = new ArrayList<>();
        languages.add("C");
        languages.add("C++");
        languages.add("Java");
        languages.add("JavaScript");
        languages.add("Python");
        languages.add("2D");
        System.out.println("Original ArrayList: " + languages);
        languages.remove("JavaScript");
        System.out.println("After removing 'JavaScript': " + languages);
        languages.remove(2);
        System.out.println("After removing element at index 2: " + languages);
        ArrayList<String> toRemove = new ArrayList<>();
        toRemove.add("C");
        toRemove.add("2D");
        languages.removeAll(toRemove);
        System.out.println("After removing all elements in toRemove: " +
            languages);
        languages.clear();
        System.out.println("After clearing the ArrayList: " + languages);
    }
}
```

```
java -cp /tmp/EYVpSd64Yq/ArrayListExample
Original ArrayList: [C, C++, Java, JavaScript, Python, 2D]
After removing 'JavaScript': [C, C++, Java, Python, 2D]
After removing element at index 2: [C, C++, Python, 2D]
After removing all elements in toRemove: [C++, Python]
After clearing the ArrayList: []

=== Code Execution Successful ===
```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Main.java
Share
Run
Output
Clear
1 import java.util.ArrayList;
2 import java.util.Iterator;
3 import java.util.ListIterator;
4 public class Test{
5 public static void main(String[] args) {
6 ArrayList <String> name = new ArrayList<>();
7 name.add("Ravi");
8 name.add("Ramu");
9 name.add("Vimal");
10 name.add("Roja");
11 for (String i:name) {
12 System.out.print(i+" ");
13 }System.out.println();
14 Iterator <String> iterator = name.iterator();
15 while (iterator.hasNext()){
16 String Name = iterator.next();
17 System.out.print(Name+" ");
18 }System.out.println();
19 ListIterator <String> listIterator = name.listIterator();
20 while (listIterator.hasNext()){
21 String Name = listIterator.next();
22 System.out.print(Name+" ");
23 }System.out.println();
24 }
25 }
java -cp /tmp/rmKiEKVZTV/Test
Ravi Ramu Vimal Roja
Ravi Ramu Vimal Roja
Ravi Ramu Vimal Roja
=== Code Execution Successful ===
97°F