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Main.java

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```
import java.util.ArrayList;
import java.util.Arrays;

public class Main {
    public static void main(String[] args) {
        ArrayList<String> languages = new ArrayList<>(Arrays.asList("C", "C++",
            "Java", "Python", "Ruby", "JavaScript"));
        languages.remove(2);
        System.out.println("After removing element at index 2: " + languages);
        languages.remove("Python");
        System.out.println("After removing 'Python': " + languages);

        ArrayList<String> languagesToRemove = new ArrayList<>(Arrays.asList("C",
            "Ruby"));
        languages.removeAll(languagesToRemove);
        System.out.println("After removing 'C' and 'Ruby': " + languages);
        languages.clear();
        System.out.println("After clearing the list: " + languages);
    }
}
```

Output

Java - cp /tmp/j1f4ljsa0/Main

After removing element at index 2: [C, C++, Python, Ruby, JavaScript]

After removing 'Python': [C, C++, Ruby, JavaScript]

After removing 'C' and 'Ruby': [C++, JavaScript]

After clearing the list: []

=== Code Execution Successful ===

Clear

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Main.java

Share

Run

```
1 import java.util.ArrayList;
2
3 public class Main {
4     public static void main(String[] args) {
5         ArrayList<String> names = new ArrayList<>();
6         names.add("raja");
7         names.add("ravi");
8         names.add("ramu");
9         names.add("vimal");
10        names.add("roja");
11        for (String name : names) {
12            System.out.println(name);
13        }
14    }
15 }
16
```

Output

Clear

```
Java - C:\Program Files\Java\bin
raja
ravi
ramu
vimal
roja

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

JS

PHP

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Main.java



Run

Output

```
1 import java.util.ArrayList;
2 import java.util.List;
3
4 public class CreateArrayListExample
5 {
6
7     public static void main(String[] args)
8     {
9         List<String> animals = new ArrayList<>();
10
11         animals.add("Lion");
12         animals.add("Tiger");
13         animals.add("Cat");
14         animals.add("Dog");
15
16         System.out.println(animals);
17
18         animals.add(2, "Elephant");
19
20         System.out.println(animals);
21
22     }
23 }
```

```
java -cp /tmp/DaRAWtpK/vv/CreateArrayListExample
```

```
[Lion, Tiger, Cat, Dog]
```

```
[Lion, Tiger, Elephant, Cat, Dog]
```

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

Main.java



Share

Run

Output

```
1 import java.util.ArrayList;
2 import java.util.List;
3 public class CreateArrayListFromCollectionExample
4 {
5     public static void main(String[] args)
6     {
7         List<Integer> firstFivePrimeNumbers = new ArrayList<>();
8         firstFivePrimeNumbers.add(2);
9         firstFivePrimeNumbers.add(3);
10        firstFivePrimeNumbers.add(5);
11        firstFivePrimeNumbers.add(7);
12        firstFivePrimeNumbers.add(11);
13
14        List<Integer> firstTenPrimeNumbers = new ArrayList<>(firstFivePrimeNumbers);
15
16
17        List<Integer> nextFivePrimeNumbers = new ArrayList<>();
18        nextFivePrimeNumbers.add(13);
19        nextFivePrimeNumbers.add(17);
20        nextFivePrimeNumbers.add(19);
21        nextFivePrimeNumbers.add(23);
22        nextFivePrimeNumbers.add(29);
23        firstTenPrimeNumbers.addAll(nextFivePrimeNumbers);
24
25        System.out.println(firstTenPrimeNumbers);
26    }
27 }
```

```
java -cp /tmp/rUhfSC1X2Ww/CreateArrayListFromCollectionExample
[2, 3, 5, 7, 11, 13, 17, 19, 23, 29]
```

=== Code Execution Successful ===