

Bracelet.java

Run

Clear

```
16 String bracelets[] = {"Blue", "Pink", "Purple",
17     "Green"};
18
19 System.out.println("Before fixing the mirror:");
20 for (String bracelet : bracelets) {
21     System.out.print(bracelet + " ");
22 }
23 System.out.println();
24
25 reverseArray(bracelets, 0, bracelets.length - 1);
26
27 System.out.println("After fixing the mirror:");
28 for (String bracelet : bracelets) {
29     System.out.print(bracelet + " ");
30 }
31 }
32 }
```

Output

```
Before fixing the mirror:
Blue Pink Purple Green
After fixing the mirror:
Green Purple Pink Blue
=== Code Execution Successful ===
```

```
public class Bracelet {  
  
    public static void reverseArray(String arr[], int start, int end) {  
  
        if (start >= end) {  
            return;  
        }  
        String temp = arr[start];  
        arr[start] = arr[end];  
        arr[end] = temp;  
  
        reverseArray(arr, start + 1, end - 1);  
    }  
  
    public static void main(String args[]) {  
        String bracelets[] = {"Blue", "Pink", "Purple", "Green"};  
  
        System.out.println("Before fixing the mirror:");  
        for (String bracelet : bracelets) {  
            System.out.print(bracelet + " ");  
        }  
        System.out.println();  
  
        reverseArray(bracelets, 0, bracelets.length - 1);  
  
        System.out.println("After fixing the mirror:");  
        for (String bracelet : bracelets) {  
            System.out.print(bracelet + " ");  
        }  
    }  
}
```

Clear

```
Candies: 2 5 3 7
Total candies Luna collects: 17

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

```
public class Candy {  
  
    public static int sumCandies(int candy[], int index) {  
        if (index == candy.length) {  
            return 0;  
        }  
        return candy[index] + sumCandies(candy, index + 1);  
    }  
  
    public static void main(String[] args) {  
        int candies[] = {2, 5, 3, 7};  
  
        System.out.print("Candies: ");  
        for (int candy : candies) {  
            System.out.print(candy + " ");  
        }  
        System.out.println();  
  
        int total = sumCandies(candies, 0);  
        System.out.println("Total candies Luna collects: " + total);  
    }  
}
```


sparkle.java



Run

Output

Clear

```
6  if (index == petal.length) {
7      return 0;
8  }
9  int sparkle = petal[index] ? 1 : 0;
10 return sparkle + countSparkles(petal, index + 1);
11 }
12
13 public static void main(String[] args) {
14     Scanner scanner = new Scanner(System.in);
15
16     System.out.print("Enter number of petals: ");
17     int n = scanner.nextInt();
18     boolean petal[] = new boolean[n];
19
20     System.out.println("Enter true or false for each petal:"
21         );
22     for (int i = 0; i < n; i++) {
23         System.out.print("Petal " + (i + 1) + ": ");
```

```
Enter number of petals: 6
Enter true or false for each petal:
Petal 1: true
Petal 2: true
Petal 3: true
Petal 4: false
Petal 5: true
Petal 6: false
Total sparkling petals: 4
```

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

```
import java.util.Scanner;

public class sparkle {

    public static int countSparkles(boolean petal[], int index) {
        if (index == petal.length) {
            return 0;
        }
        int sparkle = petal[index] ? 1 : 0;
        return sparkle + countSparkles(petal, index + 1);
    }

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter number of petals: ");
        int n = scanner.nextInt();
        boolean petal[] = new boolean[n];
```

```
public static void main(String[] args) {  
    Scanner scanner = new Scanner(System.in);  
  
    System.out.print("Enter number of petals: ");  
    int n = scanner.nextInt();  
    boolean petal[] = new boolean[n];  
  
    System.out.println("Enter true or false for each petal:");  
    for (int i = 0; i < n; i++) {  
        System.out.print("Petal " + (i + 1) + ": ");  
        petal[i] = scanner.nextBoolean();  
    }  
  
    int totalSparkles = countSparkles(petal, 0);  
    System.out.println("Total sparkling petals: " + totalSparkles);  
}  
}
```

Main.java



Share

Run

Output

Clear

```
10 }
11
12     return findPink(candies, index + 1);
13 }
14
15 public static void main(String[] args) {
16     String[] candyJar = {"Red", "Green", "white", "Yellow"};
17
18     boolean result = findPink(candyJar, 0);
19
20     if (result) {
21         System.out.println("Mimi found her favorite Pink
22                             candy");
23     } else {
24         System.out.println("No Pink candy found");
25     }
26 }
```

No Pink candy found.

=== Code Execution Successful ===


```
public class Candy{
```

```
    public static boolean findPink(String candies[], int index) {  
        if (index >= candies.length) {  
            return false;  
        }  
  
        if (candies[index].equalsIgnoreCase("Pink")) {  
            return true;  
        }  
  
        return findPink(candies, index + 1);  
    }  
  
    public static void main(String[] args) {  
        String[] candyJar = {"Red", "Green", "white", "Yellow"};  
  
        boolean result = findPink(candyJar, 0);  
  
        if (result) {  
            System.out.println("Mimi found her favorite Pink candy");  
        } else {  
            System.out.println("No Pink candy found");  
        }  
    }  
}
```

