

```
import java.util.Scanner;

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

        // Get input from user
        System.out.print("Enter size of array: ");
        int size = input.nextInt();
        int[] elements = new int[size];
        System.out.print("Enter the elements separated by space: ");
        for (int i = 0; i < size; i++) {
            elements[i] = input.nextInt();
        }

        // Initialize counters for even and odd elements
        int evenCount = 0;
        int oddCount = 0;

        // Loop through elements and count even and odd elements
        for (int num : elements) {
            if (num % 2 == 0) {
                evenCount++;
            } else {
                oddCount++;
            }
        }

        // Print the counts of even and odd elements
        System.out.println("Number of even elements: " + evenCount);
        System.out.println("Number of odd elements: " + oddCount);
    }
}
```