

```

import java.util.Scanner;

public class ArrayTypeChecker {
    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 elements separated by space: ");
        for (int i = 0; i < size; i++) {
            elements[i] = input.nextInt();
        }

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

        // Loop through elements and determine their types
        for (int num : elements) {
            if (num % 2 == 0) {
                evenCount++;
            } else {
                oddCount++;
            }
        }

        // Check the type of array
        if (oddCount == 0) {
            System.out.println("The array is of type: Even");
        } else if (evenCount == 0) {
            System.out.println("The array is of type: Odd");
        } else {
            System.out.println("The array is of type: Mixed");
        }
    }
}

```