Day 43 coding Statement : Write Program to find the array type

Description

Get an array as input from the user and check the type of the array, whether it is odd, even or mixed type.

Input

Enter size of array :

3

Enter elements

1 3 5

Output

Odd

```java
import java.util.Scanner;

public class RatanPrajapati_day43 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter size of array");
        int size = sc.nextInt();
        int[] arr = new int[size];
        int odd = 0, even = 0;
        System.out.println("Enter elements ");
        for (int i = 0; i < size; i++) {
            arr[i] = sc.nextInt();
            if (arr[i] % 2 == 0) {
                even++;
            } else {
                odd++;
            }
        }
        if (even == size) {
            System.out.println("Even");
        } else if (odd == size) {
            System.out.println("Odd");
        } else {
            System.out.println("Mixed");
        }
    }
}
```