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

CODE:

```python
arr_size = int(input("Enter size of Array: "))
arr = list(map(int, input("Enter elements of array: ").split()))
even = 0
odd = 0
for i in arr:
    if i % 2 == 0:
        even += 1
    else:
        odd += 1

if even == 0:
    print("The given array is odd")
elif odd == 0:
    print("The given array is Even")
else:
    print("The given array is Mixed")
```

OUTPUT:

```
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C:\Users\Vivek\AppData\Local\Programs
Enter size of Array: 3
Enter elements of array: 1 3 5
The given array is odd

Process finished with exit code 0
```