```python
def s(n,a):
    if n!=len(a):
        return ("check list elements with size n")
    e=o=0
    for i in a:
        if i%2==0:
            e+=1
        else:
            o+=1
    return ["Number of even elements:",e,"Number of odd elements:",o]
n=int(input("Enter size of array: "))
a=list(map(int,input("Enter the elements: ").split()))
print(s(n,a))
```