```python
a= int(input('Enter the number of terms: '))
c= []
for i in range (a):
    b = int(input('Enter all the Numbers: '))
    c.append(b)
print (c)
count1 = 0
count2 = 0
for j in c:
    if (j%2 == 0):
        count1 = count1+1
    else:
        count2 = count2+1
print('The number of Even numbers are:',count1)
print('The number of Odd numbers are:',count2)
```