**LIST OPERATIONS**

**QUESTION**:

Write a Menu driven program to accept a list and perform the following:

* Print the count and sum of all odd numbers
* Print the count and sum of all even numbers
* Count the frequency of an element from the list
* Remove duplicate elements from the list
* Rotate the list to move the 1st element to the 2nd index, 2nd element to the 3rd index, 3rd element the 4th index, and so on and the last element to the 1st index.

**CODE**:

a = []

odd = 0

even = 0

oddsum = 0

evensum = 0

freq = {}

for i in range(int(input('Enter number of elements:'))):

b=int(input('Enter number: '))

a+=[b]

if b%2 == 0:

even += 1

evensum += b

else:

odd += 1

oddsum += b