

```
def count_even_odd_elements(arr):  
    even_count = 0  
    odd_count = 0  
  
    for num in arr:  
        if num % 2 == 0:  
            even_count += 1  
        else:  
            odd_count += 1  
  
    return even_count, odd_count  
  
size = int(input("Enter the size of the array: "))  
  
print("Enter the elements:")  
arr = list(map(int, input().split()))  
  
even_count, odd_count = count_even_odd_elements(arr)  
print("Number of even elements:", even_count)  
print("Number of odd elements:", odd_count)
```