1. Write a Python program to count the even, odd numbers in a given array of integers using Lambda.

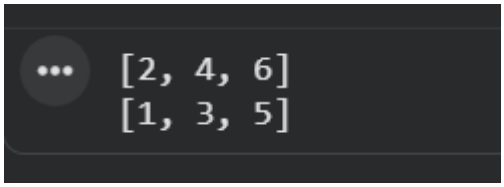
```
arr = [1,2,3,4,5,6]

even = list(filter(lambda x: x%2==0, arr))

odd = list(filter(lambda x: x%2!=0, arr))

print(even)

print(odd)
```



2. Write a Python program to find palindromes in a given list of strings using Lambda.

```
lsyt = ["nitin","python","madam"]

pal = list(filter(lambda x: x==x[::-1],lsyt))

print(pal)
```

4. Write a Python program to convert a byte string to a list of integers. Sample Input: “hello” Sample Output: [104, 101, 108, 108, 111]

```
byte_string = b"hello"

listof_integers = list(byte_string)

print(list_of_integers)
```