

Separate Even and Odd

I/p: l = [10, 41, 30, 15, 80]

O/p: even = [10, 30, 80]

odd = [41, 15]

I/p: l = [10, 30, 40]

O/p: even = [10, 30, 40]

odd = []

```
def getEvenOdd(l):  
    even = []  
    odd = []  
    for x in l:  
        if x%2==0:  
            even.append(x)  
        else:  
            odd.append(x)  
    return even, odd
```

```
l = [10,12,11,16]
```

```
even, odd = getEvenOdd(l)
```

```
print(even)
```

```
print(odd)
```