

# Exercise 12

1. Ubah fungsiku menjadi pure function!

```
def fungsiku(L):  
    def check_genap(l):  
        return l % 2 == 0  
    for i in range(len(L)):  
        if check_genap(L[i]):  
            L[i] = L[i]/2  
        else:  
            L[i] = L[i] * n + 1  
    return L
```

```
n = 3  
L = [5,6,7,8]  
print(fungsiku(L))
```

[16, 3.0, 22, 4.0]

```
print(L)
```

[16, 3.0, 22, 4.0]

2. Ubah fungsiku2 menjadi pure function!

```
def fungsiku2(L):  
    def check_faktor(l):  
        return l % n == 0  
    for i in range(len(L)):  
        if check_faktor(L[i]):  
            L[i] = L[i]/2  
        else:  
            L[i] = L[i] * n + 1  
    return L
```

```
n = 3  
L = [5,6,7,8]  
print(list(fungsiku2(L)))  
print(L)
```

```
[16, 3.0, 22, 25]  
[16, 3.0, 22, 25]
```

3. Apakah isi dalam tuple tup ada yang dapat diubah?  
tup = ( [3, 4, 5], 'myname' )