

```
def Recurse(x): #x is a list type
    if len(x)<2:
        return True
    else:
        if x[0]==x[len(x)-1]:
            del x[len(x)-1]
            del x[0]
            return Recurse(x)
        else:
            return False
```

```
x = [1,2,1]
Recurse(x)
True
```

```
y=[1,2,3,4]
Recurse(y)
False
```