

Filtert eine Liste durch eine Funktion
bspw. zur ermitteln von Primzahlen
 $l = [1, 2, 3, 4, 5, 6]$

```
function foo(x) {  
    return x % 2 == 0;  
}
```

```
l = filter(foo, l)
```

```
l = [2, 4, 6]
```

```
function filter(f, list) {
```

```
    result = []
```

```
    for i in list {
```

```
        if f(i) {
```

```
            result.append(i);
```

```
        }
```

```
    }
```

```
}
```