

# Develop myFilter

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Develop a function by name myFilter which takes a collection and a function as arguments. Function should do the following:

- Iterate through elements
- Apply the condition using the argument passed. We might pass named function or lambda function.
- Return the collection with all the elements satisfying the condition.

## Note

This is how the original function look like.

```
def get_customer_orders(orders, customer_id):
    orders_filtered = []
    for order in orders:
        if int(order.split(',')[2]) == customer_id:
            orders_filtered.append(order)
    return orders_filtered
```

## Note

This is the example of implementation of generic libraries such as `filter`, `map`, `reduce` etc.

```
def myFilter(c, f):
    c_f = []
    for e in c:
        if f(e):
            c_f.append(e)
    return c_f
```