

```
In [4]: def myreduce(function, sequence):  
        tally = sequence[0]  
        for next in sequence[1:]:  
            tally = function(tally, next)  
        return tally  
myreduce((lambda x,y: x+y), [1,2,3,4,5])
```

Out[4]: 15

```
In [5]: from functools import reduce  
reduce((lambda x,y: x+y), [1,2,3,4,5])
```

Out[5]: 15

In []: