```
Python 3.14.0 (tags/v3.14.0:ebf955d, Oct  7 2025, 10:15:03) [MSC v.1944 64 bit
(AMD64)] on win32
Enter "help" below or click "Help" above for more information.
def myFunc(x):
    return x**2

L = [1,2,3,4,5]
M = map(myFunc, L)
type(M)
<class 'map'>
for element in M:
    print(element)


1
4
9
16
25
>>> # PYTHONIST STYLE:
>>> for element in map(lambda x : x ** 2, [1, 2, 3, 4, 5]):
...     print(element)
...
...
1
4
9
16
25
>>> M = map(lambda x, y : x + y, [(100, 200), (300, 400), (500, 600)])
>>> for element in M:
...     print(element)
...
...
Traceback (most recent call last):
  File "<pyshell#17>", line 1, in <module>
    for element in M:
TypeError: <lambda>() missing 1 required positional argument: 'y'
>>> M = map(lambda t: t[0] + t[1], [(100, 200), (300, 400), (500, 600)])
>>> for element in M:
...     print(element)
...
...
300
700
1100
>>> for element in map(lambda t : t[0] + t[1], [(100, 200), (300, 400), (500,
600)]): print(element)
...
300
```

```
700
1100
for capital_str in map(lambda s: s.upper(), ['abc', 'pqr', 'lmn']):
    print(capital_str)


ABC
PQR
LMN
```