table **=** [**lambda** x**=**x: 2**\***x **for** x **in** range(1,11)]

**for** i **in** table:

print(i())

2

4

6

8

10

12

14

16

18

20

In [2]:

list1**=**[1,2,3,4,5]

double **=**[**lambda** x **=** x : x**\***x **for** x **in** list1]

**for** i **in** double:

print(i())

1

4

9

16

25

In [3]:

**from** functools **import** reduce

li **=**[5,6,7,8,9,10,11]

sum **=** reduce(**lambda** x,y:x**+**y,li)

sum

Out[3]:

56

In [4]:

**from** functools **import** reduce

li **=**[5,6,7,8,9,10,11]

max **=** reduce(**lambda** x,y:x **if** x**>**y **else** y,li)

max

Out[4]:

11

In [5]:

str1 **=** ['dog','cat']

list(map(**lambda** x: x**.**upper(),str1))

Out[5]:

['DOG', 'CAT']