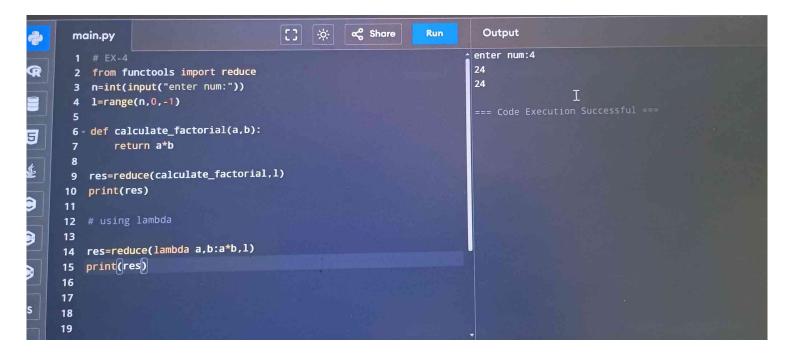


```
[] 🔅
                                             Share
 main.py
                                                                   Output
                                                                [1, 2, 3, 0]
 1
                                                                  [1, 2, 3, 0]
 2 #EX-2
 3 l=[1,2,3,0,-1,-2,-3]
 4 def filter_positive(numbers):
        return numbers>=0
 6
 7 res=filter(filter_positive,1)
 8
 9 print(list(res))
10
11 # using lambda function
12
13 res=filter(lambda numbers:numbers>=0,1)
                                                 I
14 print(list(res))
15
```



```
[] 🔅
                                                     ≪ Share
                                                                           Output
       main.py
                                                                 Run
                                                                         2
                                                                         2
       2 from functools import reduce
       3 str="Ramya"
                                                                         === Code Execution Successful ===
       4 count=0
       5 vowels=['a','e','i','o','u']
       6 - def count_vowels(a,b):
5
            global count
              if a in vowels or b in vowels:
       8 -
       9
                 count+=1
      10
              return count
9
      11 res=reduce(count_vowels,str)
      12 print(res)
•
      14
      15 res=reduce(lambda a,b: a+1 if b in vowels else a,str,0)
(3)
      16
      17 print(res)
JS
      18
```