```
# fibonocci series


n = int(input("Enter the range:"))
a , b = 0 , 1
lst = [0]
for i in range(n - 1):
    lst.append(b)
    a , b = b , a + b

print(lst)
```

```
Enter the range:7
[0, 1, 1, 2, 3, 5, 8]
```

```
# Using Decorators


# Simple input function

def total_fib_series(tempFun):
  def Input_Fun():
    n = int(input("Enter The Range ::> "))
    tempFun(n)
  return Input_Fun


@total_fib_series

def fib_series(num):
    a , b = 0 , 1
    lst = [0]
    for i in range(n - 1):
        lst.append(b)
        a , b = b , a + b
    print(lst)


fib_series()
```

```


list("Darshan")
```

```


print(reduce(lambda x,y: x+y,map(lambda x: x+x,filter(lambda x:x>= 3,(1,2,3,4)))))
```

```
```

```
f = "Doctarate of Philosophy"
f.find('t',8,10)
```

```
l = [1,2,(100,200,300),22.3,(99,100,(44,32),21),76]

print(l[4])
```

```
s = [1,2,3,4,5,6,7,55,75]
s.pop()
```

```
print(list(map(lambda x : x*3,(5,3,7,1))))
```

```
99 and True
```

```
s = "day a day"
print(s.capitalize())
```

```
4 & 2
```