



```
5) print("outer function returning inner function")
6) return inner
7) f1=outer()
8) f1()
9) f1()
10) f1()
```

Output

```
outer function started
outer function returning inner function
inner function execution
inner function execution
inner function execution
```

Q. What is the difference between the following lines?

```
f1 = outer
f1 = outer()
```

- In the first case for the outer() function we are providing another name f1(function aliasing).
- But in the second case we calling outer() function,which returns inner function.For that inner function() we are providing another name f1

Note: We can pass function as argument to another function

Eg: filter(function,sequence)
map(function,sequence)
reduce(function,sequence)