

```
def parent():  
    chaild1 = 10  
    print(chaild1)  
    return chaild1
```

```
result = parent()  
print(result)
```

```
10  
10
```

```
def parent():  
    chaild1 = 10  
    print(chaild1,id(chaild1))  
    return chaild1
```

```
result = parent()  
print(result,id(result))
```

```
10 140715073346128  
10 140715073346128
```

```
def parent():  
    def chaild():  
        print('chaild function definition')  
    chaild()
```

```
parent()
```

```
chaild function definition
```

```
def parent():  
    print('parent function definition start')  
    def chaild():  
        print('chaild function definition')  
    print('parent function definition end')  
    return chaild
```

```
fun = parent()
```

```
parent function definition start  
parent function definition end
```

```
fun()
```

```
chaild function definition
```

```
def testcode(i):  
    def process():  
        print(i)  
    return process  
  
showvalue1 = testcode(10)  
showvalue2 = testcode(20)  
showvalue3 = testcode('hello')
```

```
showvalue1()
```

```
    10
```

```
showvalue2()
```

```
    20
```

```
showvalue3()
```

```
    hello
```

```
def register(f):  
    def callback():  
        f()  
    return callback
```

```
def fun1():  
    print('callback function fun1 definition')
```

```
def fun2():  
    print('callback function fun2 definition')
```

```
def fun3():  
    print('callback function fun3 definition')
```

```
cb1 = register(fun1)  
cb2 = register(fun2)  
cb3 = register(fun3)
```

```
cb1()
```

```
    callback function fun1 definition
```

```
cb2()
```

```
    callback function fun2 definition
```

cb3()

callback function fun3 definition

cb1()

callback function fun1 definition

'''

TASK :

-----  
def register\_details(f):

def process():

pass

return process

-----  
def lokesh():

print('lokesh')

print('lokesh@gmail.com')

print(9184320178)

def srinath():

pass

def jagadeesh():

pass

def rajendra():

pass

-----  
l = []

l.append(register\_defails(lokesh))

-----  
show defails for all using for loop

'''

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completed at 2:43 PM

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