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

result = parent()

print(result)

```
Parent 7
```

```
chaild1 = 10
print(chaild1)
return chaild1
```

```
Parent
 def parent():
                              chaild1 = 10
   chaild1 = 10
                              print(chaild1)
   print(chaild1)
                              return chaild1
   return chaild1
            chalds
result =(parent(
print(result)
                                6128
  10 140715073346128
```

10 140715073346128

Parent function definition

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

Parent function call

```
def parent():

def chaild():

print('chaild function definition')

Block of code chaild()

Archaild function Block of Code

chaild()

Archaild function Block of Code
```

Pavent 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

Parent 7

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

```
Pavent coul
```

```
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

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

chailed function definition.

print('chaild function definition')

Parent coul

```
def parent():
   print('parent function definition start')
   def chaild():
     print('chaild function definition')
   print('parent function definition end')
   return chaild
           choild
 fun = (parent()
parent function definition start /
parent function definition end
\rightarrowfun()
chaild function definition
```

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

Paren

chailed function definition.

print('chaild function definition')

Parent coul

```
def parent():
   print('parent function definition start')
   def chaild():
      print('chaild function definition')
   print('parent function definition end')
   return chaild
            chald
 fun = (parent()
 parent function definition start /
 parent function definition end
\rightarrowfun() \overline{\phantom{a}}
 chaild function definition
```

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

Paren

chailed function definition.

print('chaild function definition')

```
def testcode(i):
    def process():
        print(i)
    return process
```

```
def process():
   print(i)
   return process
```

```
def testcode(i):
  def process():
    print(i)
  return process
showvalue1 = testcode(10)
```

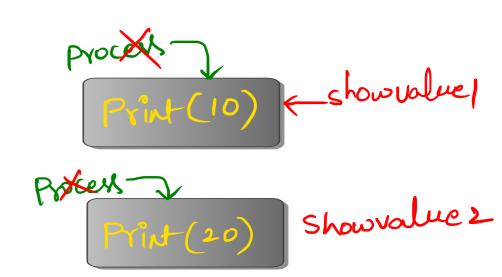
```
def process():
  print(i)
return process
```

test code (1=10)

- 1) process function will be defined 2) returns process function varue

```
test code ( 1=20) -
def testcode(i):
  def process():
                               def process():
                                 print(i)
     print(i)
                               return process
  return process
showvalue1 = testcode(10)
showvalue2 = testcode(20)
```

- 1) process function will be defined 2) returns process function varine



```
def testcode(i):
    def process():
        print(i)
    return process
```

```
showvalue1 = testcode(10)
```

showvalue2 = testcode(20)

showvalue3 = testcode('hello');

def process():
 print(i)
 return process

test code (1 = Hell)

- 1) process function will be defined
- 2 yehrens Process function varine

