

When I call B, I get back

3

When I call C, I get back

(1)

Programming paradigms 4 most popular / Famous
DImperative - Programis a series of steps - each step modifies "state" (memory, etc) in some way
(most non obj-oriented programming
(2) Object-oriented (some people consider this a superset of (1)
- objects storing, communicating, etc
- Program is a series of statements of logic, and then the computer does logical deduction (Prolog)

9 Functional
Program is a seies of function calls, which take parameters and return values
Which one of these is Python? Multiple answers People give.
7 2 .
2 (2) but (4) (3)
I prefer that the question vas meanigless.
Instead, ne should say
"Python supports multiple Programming Paradigms,
(Dominuntly 00)

Ore import aspect of functional.

Paradigm is the desire to

avoid side effects.

A function call has a side effect if it makes any kind of observable change or interaction except for the return value.

x = 3 side effect (???)

print ("hells") side effect (???)

Why does it matter?
You can modify the order
(in some cases) that work
is done if you have no side effects,
so long as return values are the same