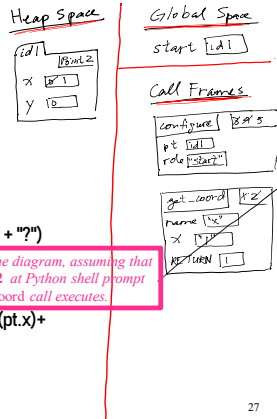


## Drawing Frames for Helper Functions (5)

```
def get_coord(name):
1  x = input(name+": ")
2  return int(x)
```

```
def configure(pt, role):
3  print("Where does the line " + role + "?")
4  pt.x = get_coord("x")
5  pt.y = get_coord("y")
6  print("The line " + role + "s at (" + str(pt.x) +
    ", " + str(pt.y) + ").")
```

```
start = shape.Point2(0,0)
configure(start, "start")
```



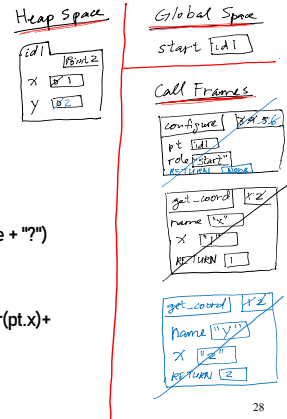
To do: Finish the diagram, assuming that the user types 2 at Python shell prompt when this get\_coord call executes.

## Drawing Frames for Helper Functions (5)

```
def get_coord(name):
1  x = input(name+": ")
2  return int(x)
```

```
def configure(pt, role):
3  print("Where does the line " + role + "?")
4  pt.x = get_coord("x")
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6  print("The line " + role + "s at (" + str(pt.x) +
    ", " + str(pt.y) + ").")
```

```
start = shape.Point2(0,0)
configure(start, "start")
```



### Q2: what does the call stack look like at this point in the execution of the code?

```
def f30():
    print("f3")
def f20():
    print("f2")
    f30
    f30
def f10():
    print("f1")
    f20
f10
```

	A	B	C	D	E
f30	f1	f1	f1	f1	f1
f20	f2	f2	f2	f2	
f30	f3	f3	f3		
f30	f3	f3			
f30	f3				

Choose 1 stack; in that stack cross out any frames that should have ended.



### A2: what does the call stack look like at this point in the execution of the code?

```
def f30():
    print("f3")
def f20():
    print("f2")
    f30
    f30
def f10():
    print("f1")
    f20
f10
```

	B
f30	f1
f20	f2
f30	<del>f3</del>
f30	<del>f3</del>

Choose 1 stack; in that stack cross out any frames that should have ended.



### Q3: what does the call stack look like at this point in the execution of the code?

```
def f30():
    print("f3")
def f20():
    print("f2")
    f30
    f30
def f10():
    print("f1")
    f20
f10
```

	A	B	C	D	E
f30	f1	f1	f1	f1	f1
f20	f2	f2	f2	f2	
f30	f3	f3	f3		
f30	f3	f3			
f30	f3				

Choose 1 stack; in that stack cross out any frames that should have ended.



### A3: what does the call stack look like at this point in the execution of the code?

```
def f30():
    print("f3")
def f20():
    print("f2")
    f30
    f30
def f10():
    print("f1")
    f20
f10
```

	A
f30	f1
f20	<del>f2</del>
f30	<del>f3</del>
f30	<del>f3</del>
f30	<del>f3</del>

Choose 1 stack; in that stack cross out any frames that should have ended.

