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**Python 2: Getting More Out of Python  
Lesson 7, Quiz 2**

Handed in: 10 Mar 2015 05:15:53PM Graded: 12 Mar 2015 11:29:15AM

**Question 1:**

What configuration item should you set on a button to establish the function to run when the button is clicked?

**Your Answer:**

the 'command' keyword assigns the function to the button

**Mentor Comments:**

*none*

**Question 2:**

How would you configure a button **B** so it does not respond to clicks? **B** already exists, and has a handler function that should be left as is.

**Your Answer:**

you can use the 'state' keyword to enable and disable the button based on the context of the interface.

self.B['state'] = 'disabled'

**Mentor Comments:**

*none*

**Question 3:**

How would you specify that button **B** should appear immediately below the last object created with the same parent?

**Your Answer:**

you would specify 'self' as the first argument to the Button() method and use the "BOTTOM" constant for the keyword 'side' in the .pack() method.

**Mentor Comments:**

It's always better to use real Python syntax for these answers. If I am interpreting your response properly, it would be:

B=Button(self)

B.pack(side=BOTTOM)

... which, unfortunately, is not quite right. You'll want to try this out in a simple "sandbox" application because the "side" parameter doesn't work intuitively (at least for me). When you set the "side" parameter, it's almost as though you are setting the direction of gravitational attraction within the containing object.

Also, the first argument provided when you first create an instance of a Button object is the name of the parent object. The parent object might be self (which is typically the outermost containing Frame). But it might be any other containing object - some other Frame object, for instance.

**Overall Comments:**

Hi Jason,

Thanks much for taking another shot at this. You have everything right except for Q3, and I think that will be a matter of doing a little bit of research with some toy projects.

-Pat

**Grade:**

Try Again

Your instructor would like you to work on this quiz. Be sure to hand in your corrections!

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