

Re: Newbie Nested Function Problem

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2004-01/3216.html>

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Date: 01/25/04

Date: Sat, 24 Jan 2004 23:18:21 -0500

To: Brian Samek <zensunni@rochester.rr.com>

I should have suggested a 'fix' before: change all the "leave"s which are referring to, or defining the function "leave" to "leaver" or something like that. Keep all program's references to the variable "leave" unchanged. Then your program should work.

To clarify my previous reply, your problem is this:

```
leave = 'xqz'
leave()
```

The leave() call is actually trying to call a string object, which is not callable.

So I wasn't quite right in what I told you in the previous post – the leave() call is not trying to call the function xqz(), its trying to call the string xqz.

Rich

On Sat, 2004-01-24 at 22:47, Brian Samek wrote:

```
> > Okay, ask_number doesn't do what you're saying. It's asking for a number,
> > placed into variable number, and if it gets something out of range, prints
> > an error message.
> >
> > And then ends. It doesn't either a) repeat until it gets a valid number
> > or b) do anything with the number it gets, like pass it back to the caller
> > in a return statement, i.e.:
> >
> >
> > It does repeat if it doesn't get a valid number. The function calls itself
> > after printing an error mesage. For some reason the original message
> > formatted itself differently when I pasted it into my mail program. The
> > line just before the first else statement should be indented to the same
> > level as the line before it so it reads:
> >
> >
> > def ask_number():
> > number = input("Please enter a number.\n")
```

comp.lang.python: Re: Newbie Nested Function Problem

```
> if number > 500 or number - int(number) != 0 or number < 1:  
> print "Input positive integers less than 501 only, please."  
> ask_number()  
> else:  
>  
>  
>  
> > return number  
>
```