

Forum:[Hack Forums](#)

Thread: [Dics and lambdas](#)

vorticalbox - September 17, 2017, 2:47 am

Does anyone know why this doesn't work

PHP Code

```
<?php
strat_map = {
    '1': lambda: print('One'),
    '2': lambda: print('Two')
}
```

```
strat_map['1']
strat_map['2']
```

but this does

PHP Code

```
<?php
strat_map = {
    '1': lambda a: print('One'),
    '2': lambda a: print('Two')
}
```

```
strat_map['1']("")
strat_map['2']("")
```

7key - September 17, 2017, 5:24 am

This is the equivalent of what's happening in the first example, but replace foo with strat_map['1'] or strat_map['2'] in your case:

```
Code def foo():
    print('One')
```

foo

See the problem here? foo, strat_map['1'], and strat_map['2'] all map to function names, but if you want to call them you'll need to use parentheses: foo(), strat_map['1'](), strat_map['2'](), even though they take no arguments.

Your second example does just that.

vorticalbox - September 17, 2017, 9:43 am

(Sep 17, 2017 05:24 AM)7key Wrote: [\[CITE\]](#) This is the equivalent of what's happening in the first example, but replace foo with strat_map['1'] or strat_map['2'] in your case:

```
Code def foo():
    print('One')
```

foo

See the problem here? foo, strat_map['1'], and strat_map['2'] all map to function names, but if you

want to call them you'll need to use parentheses: `foo()`, `strat_map['1']()`, `strat_map['2']()`, even though they take no arguments.

Your second example does just that.
that makes sense thanks :)