

Introduction to debugging in Python (+ CodeFights!)

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PyladiesBCN

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Your code will break, sooner or later. As you develop it or years after, but it will break and somebody will have to fix it. Ouch! How many of you ...?



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```
Fortunately, you will not have to face that problem
barehanded. Python (and all languages) provides you
with some useful weapons ready to use: loggers, tracers,
monitoring tools, debuggers...
```

So please stop using print commands to try to find the errors:)

```
##
# @Input: positive integer
  @Output: equals to @Input if @Input is bigger
# than 12, and to 12 otherwise
##
def returnTwelve(number):
    while number < 12:
        number = number + 1
    return 12
```



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http://blog.ionelmc.ro/2013/06/05/python-debugging-tools/https://docs.python.org/2/library/pdb.html https://pythonconquerstheuniverse.wordpress.com/2009/09/1 in-python/



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First some small exercises Then CodeFights!



Thank you:) Now you try!!

