

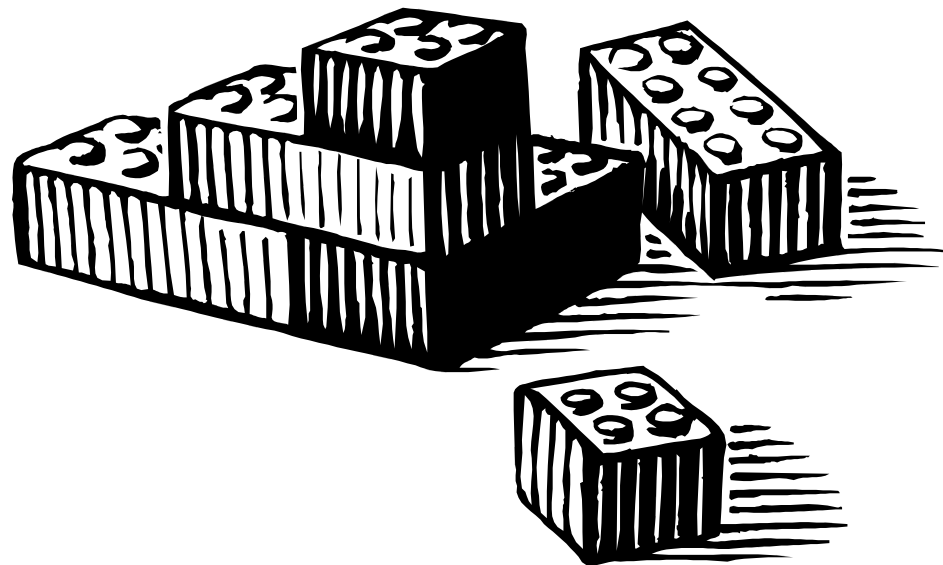
Learning To Program - Abstractions

Introduction To Python

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@OdeToCode

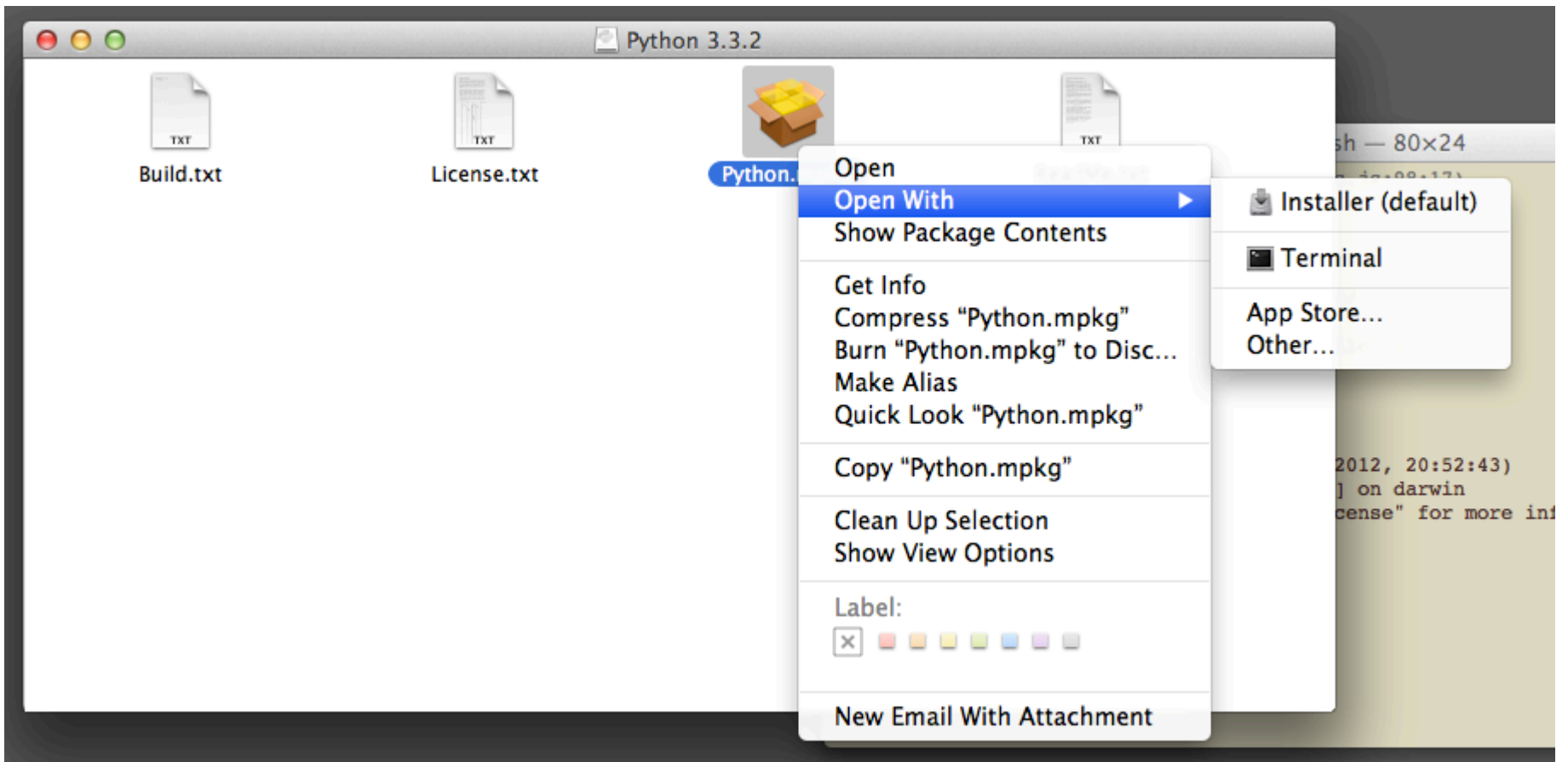


pluralsight
hardcore developer training

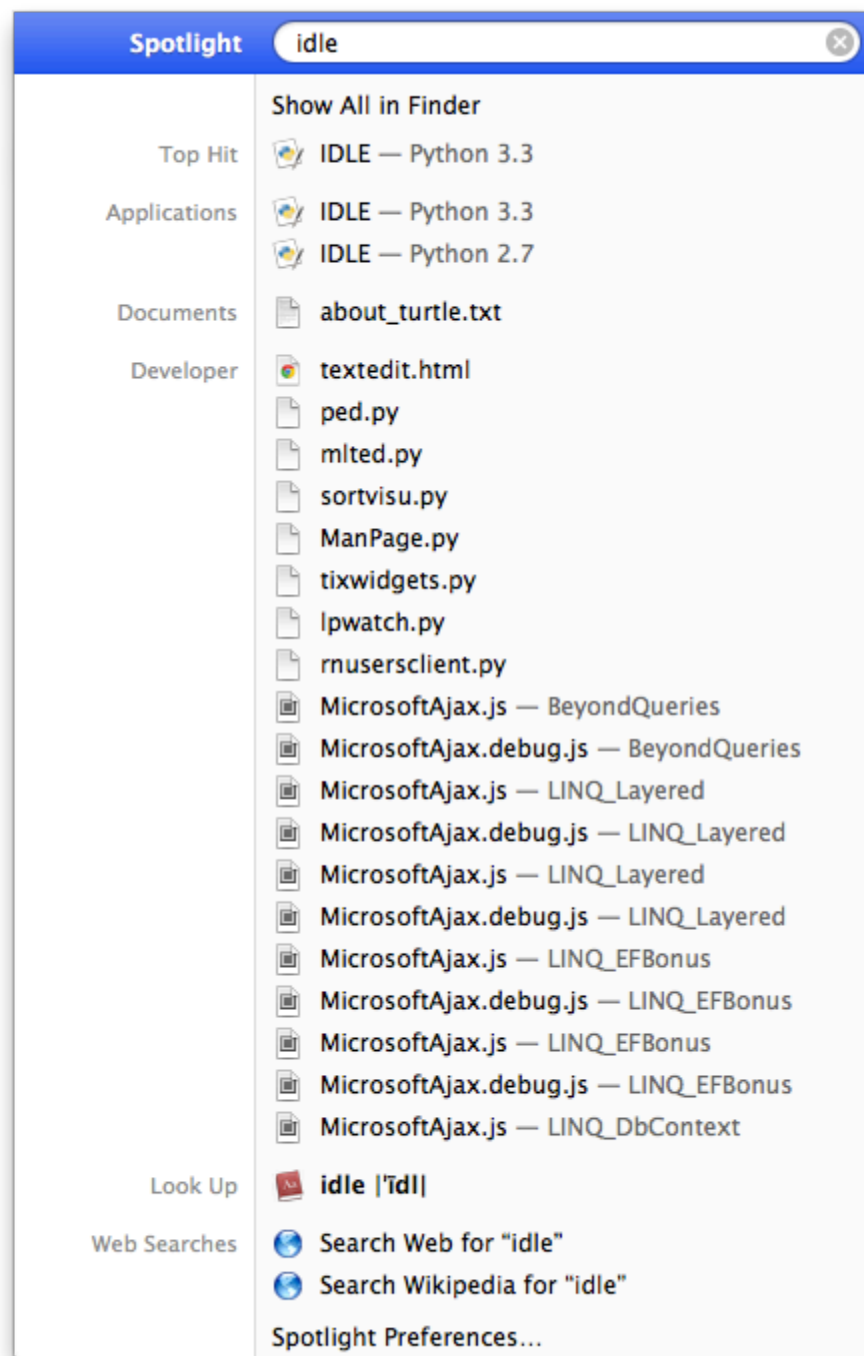


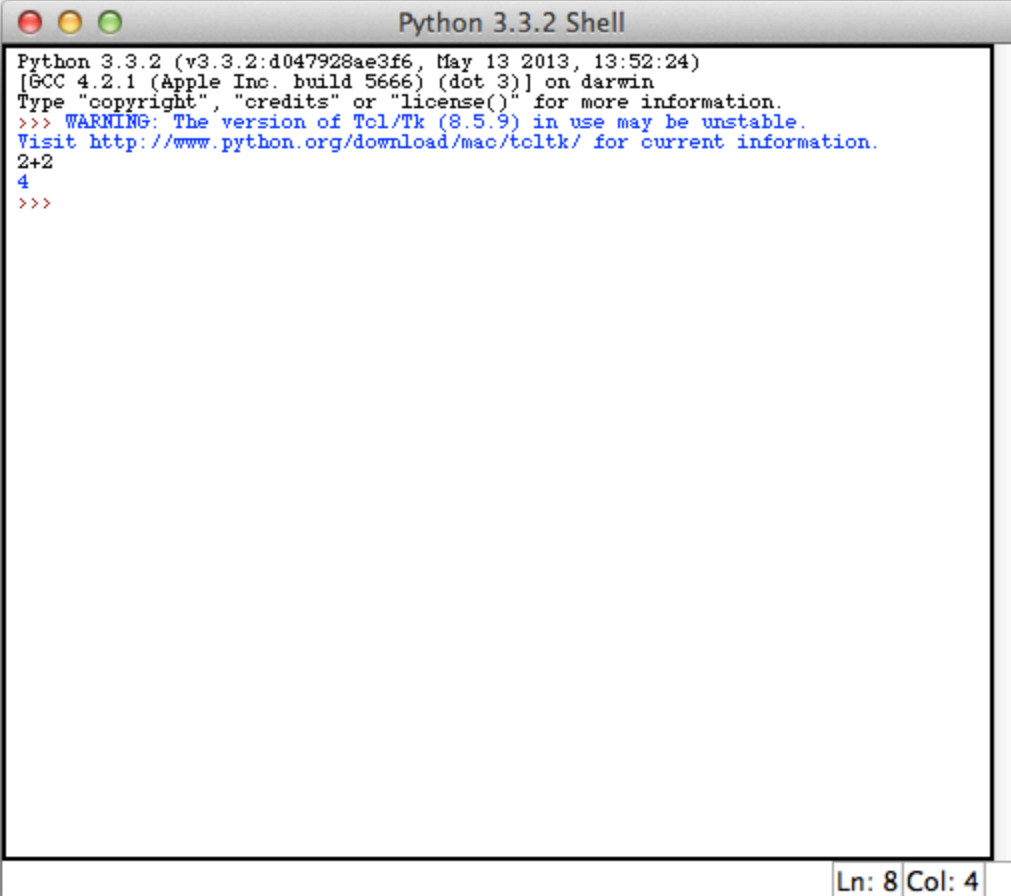


python







A screenshot of a Python 3.3.2 Shell window on a Mac. The window has a title bar with three colored buttons (red, yellow, green) on the left and the text "Python 3.3.2 Shell" in the center. The main area is a text editor showing the Python startup sequence. The text is as follows:

```
Python 3.3.2 (v3.3.2:d047928ae3f6, May 13 2013, 13:52:24)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "copyright", "credits" or "license()" for more information.
>>> WARNING: The version of Tcl/Tk (8.5.9) in use may be unstable.
Visit http://www.python.org/download/mac/tcltk/ for current information.
2+2
4
>>>
```

The status bar at the bottom right shows "Ln: 8 Col: 4".

```
Python 3.3.2 Shell

Python 3.3.2 (v3.3.2:d047928ae3f6, May 13 2013, 13:52:24)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
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>>> WARNING: The version of Tcl/Tk (8.5.9) in use may be unstable.
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2+2
4
>>>

Ln: 8 Col: 4
```

7%

guess.py - C:\Users\Scott\Documents\python_introduction\guess.py

-

□

✕

File Edit Format Run Options Windows Help

```
maxNumber = 100
magicNumber = random.randint(minNumber, maxNumber)

message = "The magic number is between {0} and {1}"
print(message.format(minNumber, maxNumber))

found = False

while not found:
    print("Guess what it is?")
    guess = int(input())
    |
    if guess == magicNumber:
        found = True
        print("****")
    if guess < magicNumber:
        print("Too low")

    if guess > magicNumber:
        print("Too high")

print("You got it!")
```

Ln: 20 Col: 4

JavaScript

```
var x = 3;
```

```
console.log("Hi!");
```

```
if(guess == number) {  
    found = true;  
}
```

Python

```
x = 3
```

```
print("Hi!")
```

```
if guess == number:  
    found = True
```

Tuples

Lists

Queues

Arrays

Stacks