

For this afternoon, make sure you can start an interactive Python session

In Canopy: select **Editor**

In Anaconda: select **ipython-qtconsole**

You should get a prompt like this:

```
Python 2.7.5 |Anaconda 1.6.1 (x86_64)| (default, Jun 28 2013, 22:20:13)
Type "copyright", "credits" or "license" for more information.
```

In [1]:

First steps with Python



The next 2 hours

- Python as a calculator
- variables and assignment
- strings
- comparisons
- making choices



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<http://bit.ly/py-codecademy1>

First steps with Python



Using functions

open parenthesis close parenthesis

function name arguments

```
>>> type(1.0)
<type 'float'>
```

type is a function that "takes" one argument
we are "calling" **type** with the argument 1.0
we can "pass" any Python object to **type**

Making choices

```
if [some condition A is True]:  
    [work that gets done if condition A is True]  
elif [some condition B is True]:  
    [work that gets done if condition B is True]  
else:  
    [work that gets done only if none of the above conditions was True]
```

Indent the work that gets done under a condition

Use a colon to end the condition

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Please complete the 8 questions in the “Strings and choices” section.



after the Camping Trip question.
If you are trying to do a question about lists, you've gone too far!

Currently working on:
<http://bit.ly/py-codecademy1>



If you finish early, please complete:
https://openhatch.org/wiki/Python_files