Documenting with Python:

Part II: Commenting with Docstrings

Wednesday, July 23, 2014

Guang Yang

Types of Comments

Multi Line

Single Line

(Docstring)

vs

```
# this is a comment

a = 20 # comment can go after
```

```
""" everything inside

even this line

are all commented """
```

Docstrings

- Denoted by triple double quotes ("""")

- String literal as the first statement in a module, function, class, or method definition

  (the docstring becomes the __doc__ special attribute of the object)

- All modules should have docstrings

- Works with ? magic command in IPython

(Demo)

Your Turn

- Read the <u>docstring convention</u>

- Keep these rules in mind next time you code in Python!

References

- Check out my <u>git repository</u>, where I will be posting slides for future/past tutorials and other relevant resources.

- Here's the <u>docstring convention</u> from python.org

- Special thanks to Prof John DeNero for the lovely template, check out his _CS61A course_ in Python