

# Creative Computing

loops, parameters

# How did it go?

- Computers take instructions literally
- Turtle graphics can be flaky!
- Can't save as turtle.py
- Lots of redundancy when things get complex

# Syntax

- Structural elements of a program
- Parentheses after function names
- Colon when defining functions
- Indentation
- Lots of it to get familiar with!

# Redundancy

- Core topic in programming
- Make the computer do the work!
- Functions were a good first step for reusing blocks

# Loops

- Repeat a block of statements
- Contents must be indented

```
for i in range(<number>):  
    statement  
    statement
```

# Parameters

- Information we give to a function
- Function is then reusable

```
def function_name(<parameter_name>):  
    statement  
    statement
```