

Creative Computing

Loops

Syntax

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

Order of execution

- Python starts at the top
- Skips all definitions
- Executes commands sequentially, “jumping” into functions

Style

- Group all functions at top
- Code that Python executes is at bottom
- Use as many functions as you can
- Aim for human readability
- Use comments on tricky bits

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
```