

CSE 20

4-23-20

1

Pa3: ext. 2 days

Recall:

TurtleFunction1.py

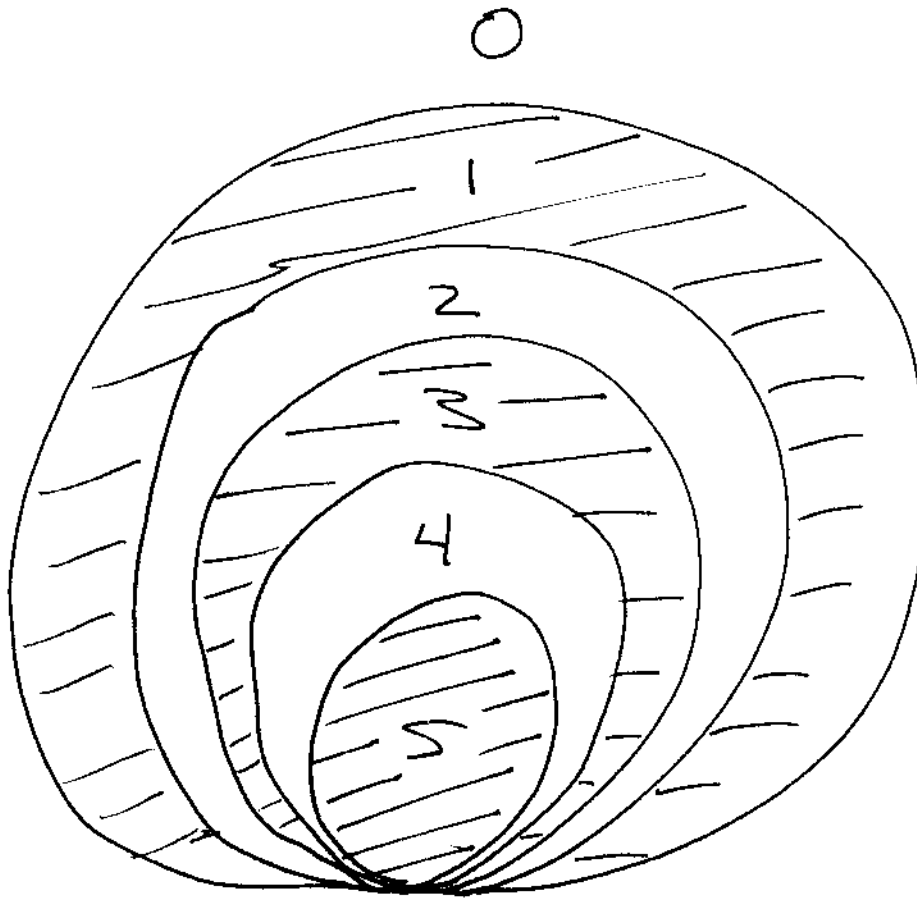
TurtleFunction2.py

Ex. TurtleFunction3.py

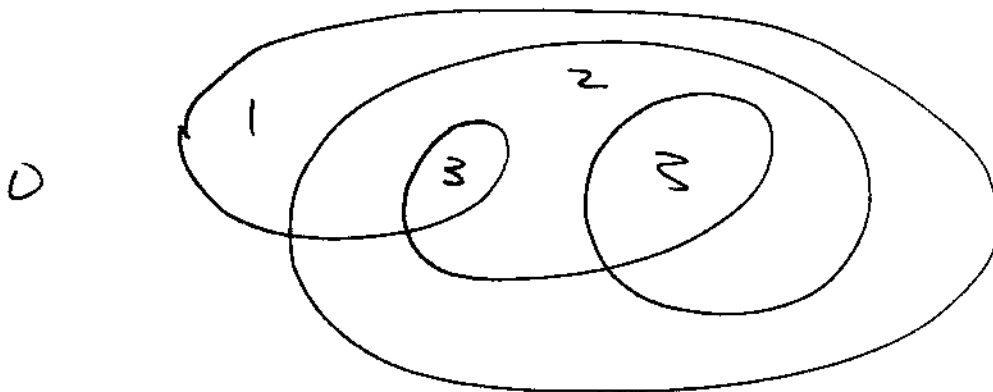
Ex. Pa3 star.py

Ex. Winding.py

Winding.Py : Mac Picture



weth : Winding number of a point
with respect to a curve.



Chapter-5: conditionals

New data type : Boolean (bool)

A boolean value is either True or False.

Two Python literals are:

- True
- False

`type(True)` is 'bool'

`type(False)` is 'bool'

A boolean expression is an expression that evaluates to True or False

Interactive mode:

>>> 6==7
 False

>>> 6==6
 True

>>> ~~2*3~~ == 1+5
 True

>>> 2.0*3.0 == 1.0+5.0
 True

compare for equality operator

We use comparison operators to create boolean expressions

op

name

$x == y$

comp. for eq.

$x != y$

not eq.

$x > y$

greater than

$x < y$

less than

$x >= y$

greater than or eq.

$x <= y$

less than or eq.