

PYTHON

SECTION FOUR

Introduction to Python | Almighty If | Pragmatic Agility

COMMENTS

- Start a comment with a '#'
- Comment on ambiguous code
- Don't comment obvious statements

LINE CONTINUE \

- use a '\' to continue a line
- Use on lines that are too long
- Avoid unnecessary use

IF, ELIF, ELSE

- Test if statement is true
- elif tests additional statements in an if chain
- else is a block that executes if all previous if's test as false

KEY CONCEPTS

True?

Python uses Truthiness and Falsiness. True does not need to be the word 'True'. It can be any value greater than 1 or any value that is not null or 0. So what does 0 or null equal? False. Empty data objects are also false, e.g. []

Booleans

Booleans are represented by the word True or False. However, some implementations will use a 0 for false and any number 1 or greater as true.

a number

objects to be made

Type Conversions

Type conversions truncate unnecessary data. For example, `a = bool('Hello')` will cause `a` to have a value of 'True', not hello