



by



# Means and origin:

- A snake kind
- Greek word migrated to Latin in 16<sup>th</sup> century.



# Python language

- ❖ Guido Van Rossum
- ❖ Centrum Wiskunde & Informatica in  
Netherland.(mathematical and computer  
science)
- ❖ Dynamical type program.
- ❖ Python Software foundation.
- ❖ [www.python.org](http://www.python.org)



# Companies using python:



The popular YouTube video sharing system is largely written in Python

Google makes extensive use of Python in it's web search system

Dropbox storage service codes both its server and client software primarily in Python

The Raspberry Pi single-board computer promotes Python as its educational language



## COMPANIES USING PYTHON



**NETFLIX**

BitTorrent peer-to-peer file sharing system began its life as a Python Program

NASA uses Python for specific Programming Task

The NSA uses Python for cryptography and intelligence analysis

Netflix and Yelp have both documented the role of Python in their software infrastructures

# Job affair:

Top Companies Extensively Looking Python Programmers



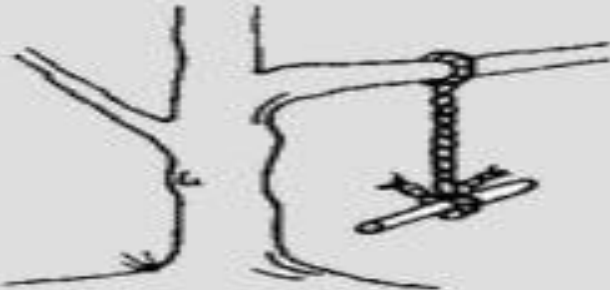
The average salary of a Python Developer :- **\$125,000.**

source payscale.com

**19,506** open job positions available for Python Pro across the globe.



# How a programmer to be:



What the user asked for



How the analyst saw it



How the system was designed



As the programmer wrote it



What the user really wanted



How it actually works

# Skill for programmer:



- Logical thinking
- Problem solving
- Creativity
- Mathematical skill
- Analysis given data
- Self-motivating



# Basic known:



- Interpreter & compiler
- Bit value
- Software download
- Data types
- Mathematical operators
- Logical operators
- Command line

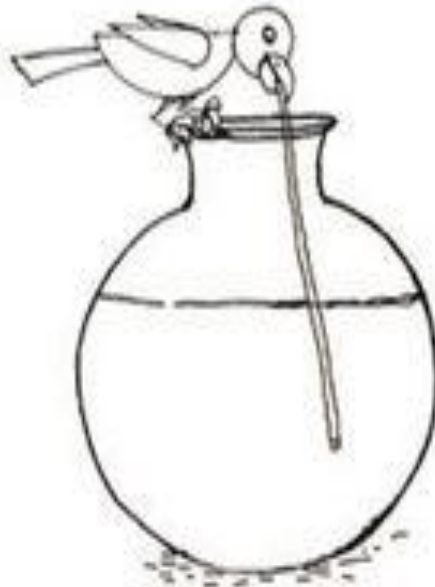
# Why python ?

# As a python programmer:

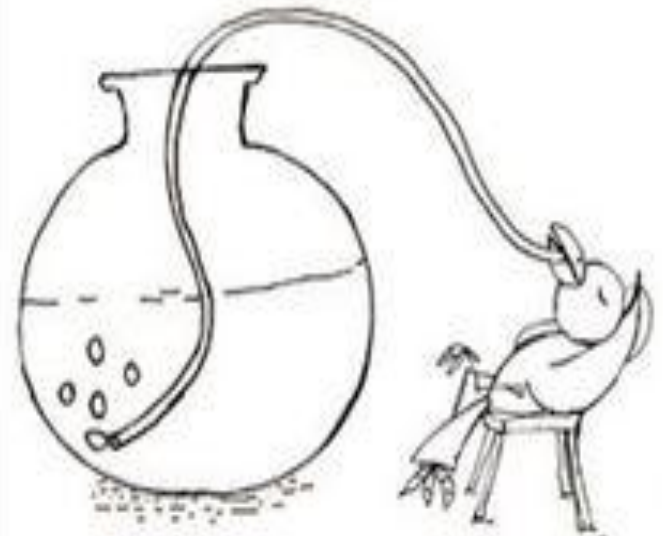
Non-programmer



Programmer



Python Programmer



# Whom you:

Choose Your Weapon...



C++



JAVA

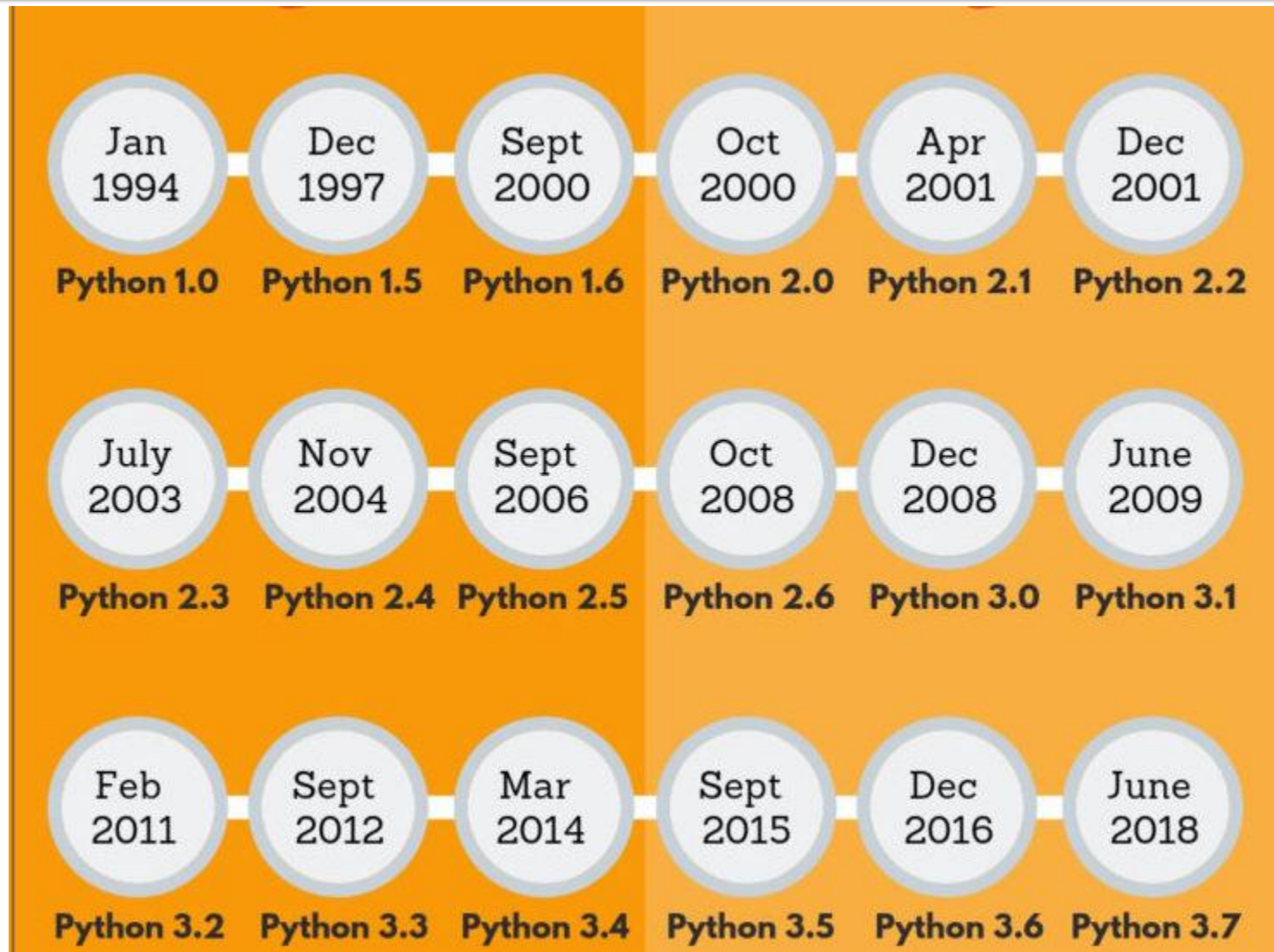


PYTHON



C

# Python program versions:





# Python software :





# Day-1



## calculator

- Direct calculation
- Variables assign



## Editor window

- Value assigned
- Assign on run time



## Basic functions

- Inbuilt command

# Day-2



Case sensitive

Data structure

If statement

# Day-3

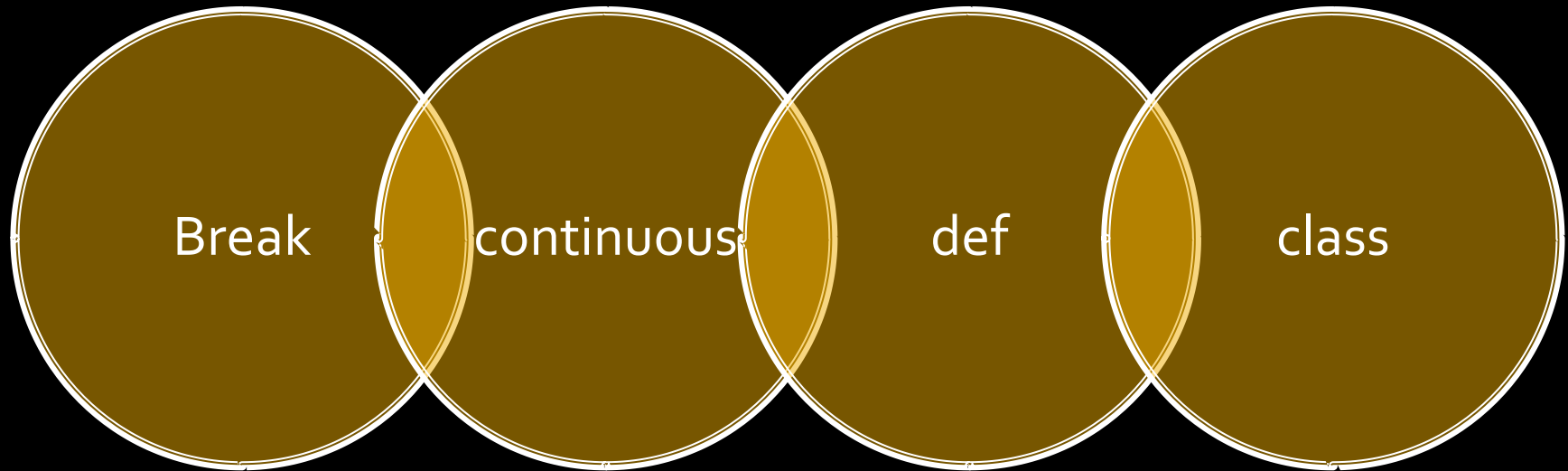
A large yellow pyramid with a white outline is positioned on the left side of the slide. It serves as a background for three stacked rectangular boxes.

Nested If

For

while

# Day-4



# Day-5



Map, lambda

Filter, len

Math module

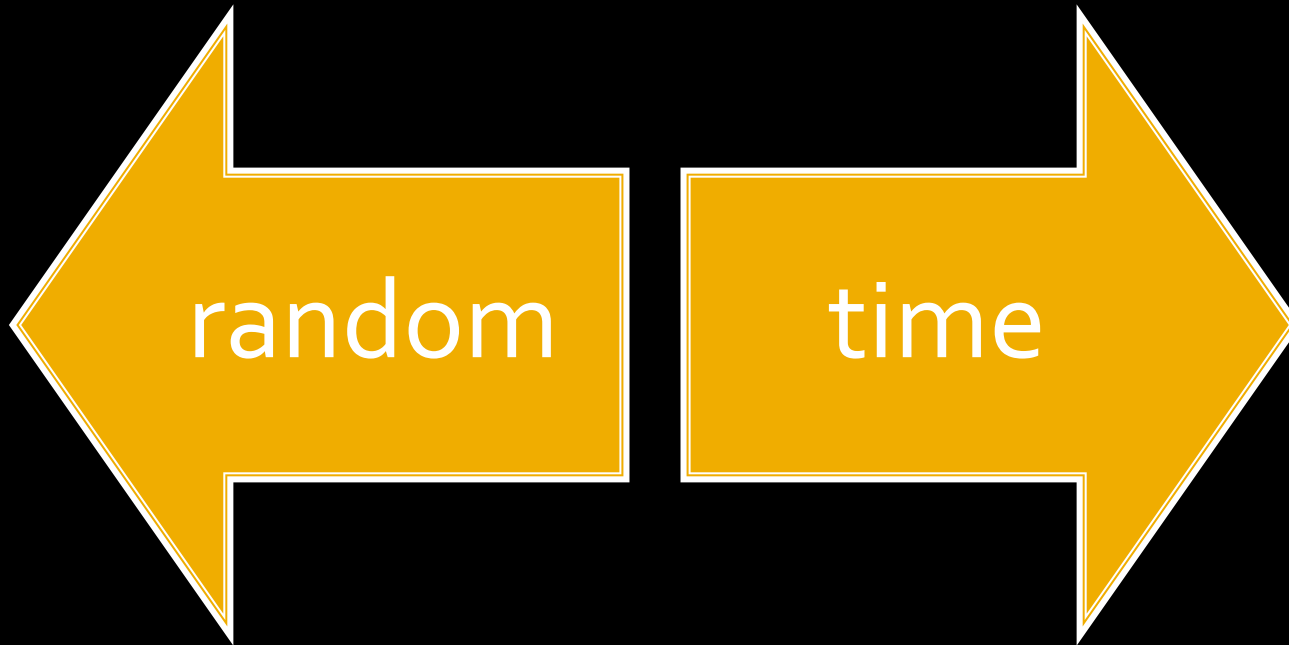
# Day-6



## Turtle module



# Day-7



# Thank you



Programmers can create new World in Code!  
- pcbots

