Why Python?

Repetitive task: automate!
* Write code
* transform it to executable (compile)
* run
* check/test
* start again...
Too slow... => Python is for you

Shell? Sure!
But mostly for moving files around
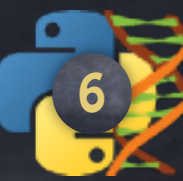and updating text data
=> not for every task.

Want to
* get some data
* store them temporarily
    to manipulate in some sort of map

...shells are limited.

Python has built-in constructs.

Python offers more structure,
but allowing splitting programs into modules

Python is multi-purpose.

Release dates (Wikipedia)

- Python 1.0 - January 1994
  - Python 1.5 - December 31, 1997
  - Python 1.6 - September 5, 2000
- Python 2.0 - October 16, 2000
  - Python 2.1 - April 17, 2001
  - Python 2.2 - December 21, 2001
  - Python 2.3 - July 29, 2003
  - Python 2.4 - November 30, 2004
  - Python 2.5 - September 19, 2006
  - Python 2.6 - October 1, 2008
  - Python 2.7 - July 3, 2010
- Python 3.0 - December 3, 2008
  - Python 3.1 - June 27, 2009
  - Python 3.2 - February 20, 2011
  - Python 3.3 - September 29, 2012
  - Python 3.4 - March 16, 2014
  - Python 3.5 - September 13, 2015
  - Python 3.6 - December 23, 2016