

answer = rand(1, 10)
 ↑ ↓
 start End.

9-04-2020
Thursday

guess = 458R

Try: while True:

if guess == answer:

3rd Party Own Python
files

Standard Library

Tensorflow

Py ← Pip Install

We can use modules, bits, pieces

Python package index

pyj

pydocx import CSV:

Pyjokes

pip install pyjokes

Preferences

Project → Modules → project interpreter

Py packages

import pyjokes

joke = pyjokes.get_joke('en', 'neutral')

print(joke)

pip install pyjokes

pip install <module name>

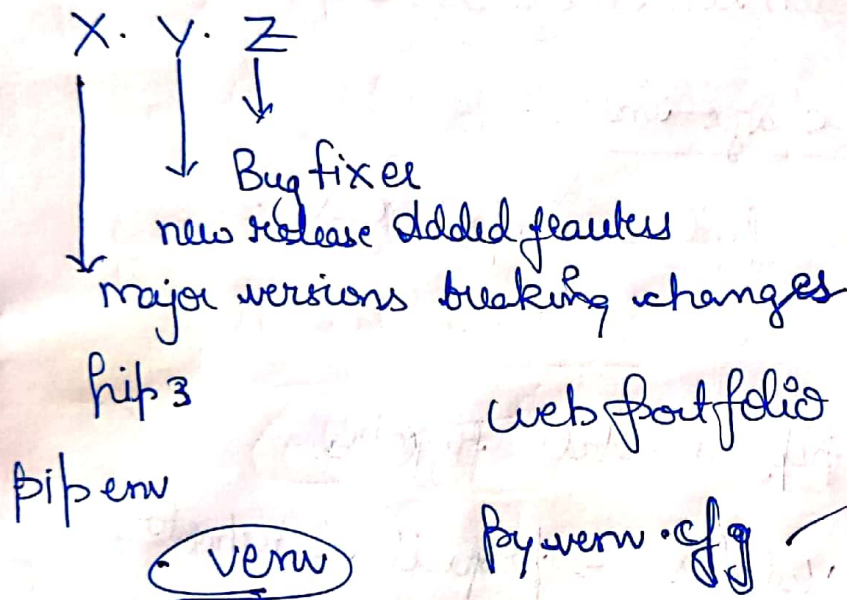
~~pip~~ install --upgrade pip

pip3 -v

pip list

pip3 list

Virtual Environment



from collections import Counter, defaultdict,
OrderedDict

li = [1, 2, 3, ...] Counts number of items
are repeatable or not

print [Counter(li)] Counts the Objects

3
sentence = "hello python"

counting the elements in string

({7: 2, 1: 1,})

In order to count duplicate emails, usernames,

print(dictionary['a'])

default dict ({'a': 1, 'b': 2})

default value

print(int(c))

lambda: 'doesn't exist', {}

dictionary['c']

prints the default value

d = OrderedDict()

d['a'] = 1

d['b'] = 2

print(d2 == d)

→ True

d2 = OrderedDict()

d2['b'] = 2

All the keys & values are same

date-time module

import datetime

print(datetime.time(5, 45, 2))

(date.today())

from array import array.

Lists are dynamic

array()

```
arr = array('i', [7, 2, 3])  
print(arr[0])
```

pros & cons

Memory, flexible, access, bytes, bytes of data

Debugging, linting, editor, ide,

Python debugger (print)

CLI

pdb.set_trace()

pdb.settrace()

Command line

Interface

help list

help

documentation

step → stepping to next line

↳ shows the context of current line

exit → Come Out

FILE I/O Input/Output

built in function to Open & read the files

Touch test.txt

open read close

test.txt

5
my-file := open('test.txt')

print(my-file.read()) → Can only read Once

my-file.close()

my-file.seek(0)

my-file.readlines

except file Not Found Error

as err:

print('file does not exist')

Read write append

with open('test.txt') as my-file:

print(my-file.readlines())

open(file name, mode = ~~'r'~~ ^{by default})

Text = my-file.write('written something')

print(Text)

append mode (a)

open('Path', mode)

↓
C:/app/Text.txt

Absolute Path

.. back a folder