

Assignment Review

Python

- * Beautiful is better than ugly
- * Explicit is better than implicit
- * Simple is better than complex
- * Complex is better than complicated
- * Readability counts

Clean syntax

Variables don't need declaration

Code is 2-10 times shorter than C++, Java

No need to declare variable types

```
a = 3
```

```
a = "hello"
```

```
a = 3.5
```

If statement

```
a = 1
```

```
b = 2
```

```
if a < b:
```

```
    print("a less than b")
```

```
else:
```

```
    print("a greater than b")
```

Lists (like Arrays)

```
a = [3, 10, -1]
```

Functions

1-define the function

```
def function1():  
    print("my first python function")
```

2-call the function

```
function1()
```


For loops

```
for element in a:  
    print(element)
```

To make a Dadaist poem

"Take a newspaper.

Take a pair of scissors.

Choose an article as long as you are planning
to make your poem.

Cut out the article.

Then cut out each of the words that make up

this article and put them in a bag.

Shake it gently.

Then take out the scraps one after the other in
the order in which they left the bag.

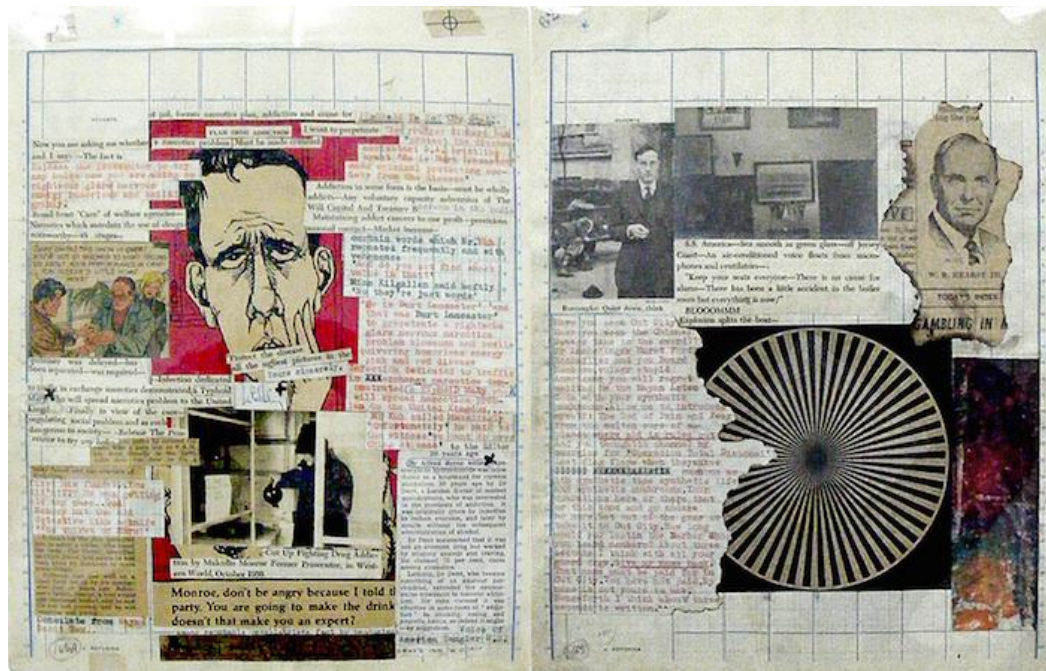
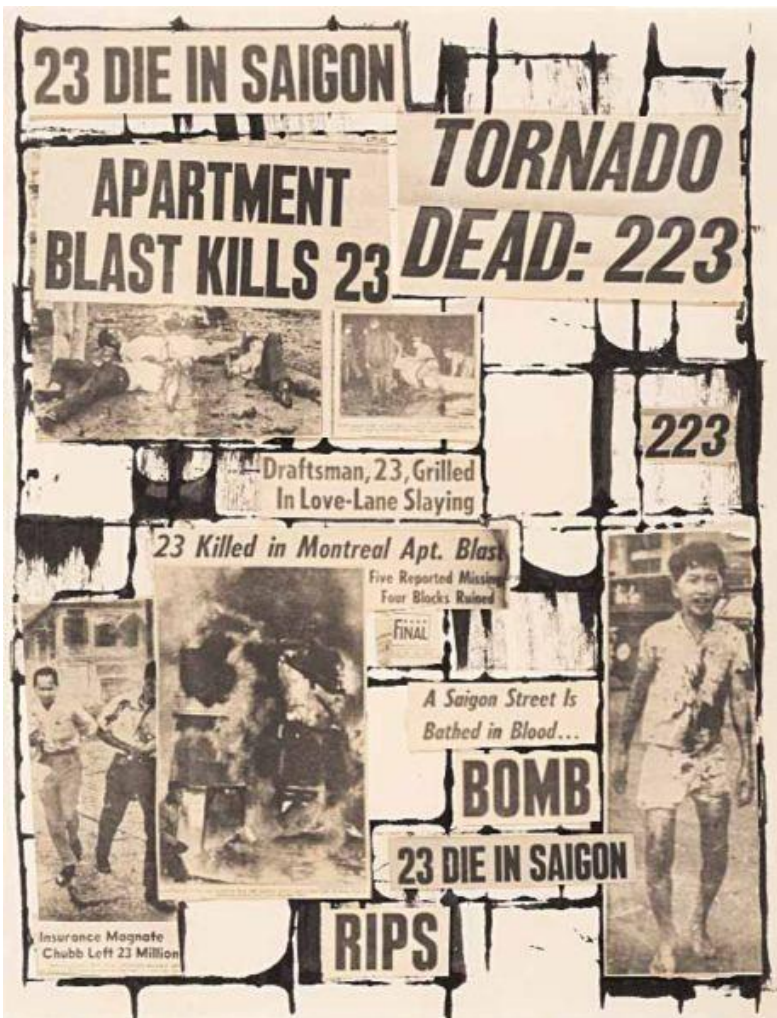
Copy conscientiously.

The poem will be like you.

And here you are a writer, infinitely original
and endowed with a sensibility that is charming
though beyond the understanding of the vulgar."

Tristan Tzara,
Method of Dadaist Poem

<http://www.in-vacua.com/tzara.shtml>



Cut up Method by
William S. Burroughs and Brion Gysin

*The Third
Check the readings folder to view the book!

CHRISTOPHER STRACHEY'S NINETEEN-FIFTIES LOVE MACHINE

<https://www.newyorker.com/tech/elements/christopher-stracheys-nineteen-fifties-love-machine>

<https://twitter.com/everyword>

By Allison Parrish's classic

https://twitter.com/poem_exe

<https://twitter.com/hydratebot>

By Nora Reed, reminds humans to drink water

<https://twitter.com/freeze-frame-bot>

the hilarious video-generatinga

<https://twitter.com/freezeiframebot>
<https://twitter.com/thissummerbot>
<https://twitter.com/ominouszoom>

the hilarious video-generatinga

<https://twitter.com/wikisext>

<https://twitter.com/unchartedatlas>

<http://mewo2.com/notes/terrain>

Katie Rose Pipkin's

[@tiny_star_field] (https://twitter.com/tiny_star_field),

[@viewgenerator] (<https://twitter.com/viewgenerator>),

[@unicode_birds] (https://twitter.com/unicode_birds), and

[@mothgenerator] (<https://twitter.com/mothgenerator>)

Description-generating bots, like

[@spacetravelbot] (<https://twitter.com/spacetravelbot>),

[@str_voyage] (https://twitter.com/str_voyage),

[@thanetguide] (<https://twitter.com/thanetguide>),

[@a_travel_bot] (https://twitter.com/a_travel_bot),

[@cant_miss_it] (https://twitter.com/cant_miss_it),

[@gardensbritish] (<https://twitter.com/gardensbritish>), and

[@magicrealismbot] (<https://twitter.com/magicrealismbot>)

Lots more emoji-based landscape bots via [this

list] (<https://twitter.com/muffinista/lists/tableau-ji>)

Tons more examples in Elizaveta Pritychenko's 2014 * *Twitter Bot Encyclopedia**, found in this week's `Readings` folder

Ultimate goal is
creating a twitter bot!

Download Sublime Text 3

<https://www.sublimetext.com/3>

Add Anaconda Plugin to Sublime

Tools ---> command palette

Type install and enter

Type Anaconda and enter

To execute Python

CMD + B (for macs)

Ctrl + B (for windows)

create templates for them and
develop corpora to pull from

*A **text corpus** is a large and unstructured set of **texts**

Python Demos

Some Corpora examples