Battle of bots

Shakespeare =urlopen(http://)

Tokens = Shakespeare.split

#list of strings

Def histogram(seq):

D = {}

For word in seq:

If word not in d:

D[word] =1

Else:

D[word] += 1

Return d

Def findmax (d):

#return key of max

Maxval = 0

Maxkey = None

For k in d:

If (maxval<d[k]:

Maxval = d[k]

Maxkey = k

Return maxkey

Successor Table

Tweet: I don’t know Putin, I have

Stable = {}

Stable[‘I”] = [“don’t”]

Stable[“don’t”] = [“know”]

Stable[“I”] += [“have”]

Def constructtweet(table):

Word = ‘The’

Tweet = ‘’

While word not in [‘.’,’!’,’?’]:

Tweet += word + ‘ ‘

Word = randomchoice(table[word])

Return tweet