1. izzle

unixdict.txt: izzle: drizzle

unixdict.txt: izzle: fizzle

unixdict.txt: izzle: frizzle

unixdict.txt: izzle: grizzle

unixdict.txt: izzle: sizzle

unixdict.txt: izzle: swizzle

1. izzle|ozzle

unixdict.txt: izzle: drizzle

unixdict.txt: izzle: fizzle

unixdict.txt: izzle: frizzle

unixdict.txt: izzle: grizzle

unixdict.txt: ozzle: nozzle

unixdict.txt: izzle: sizzle

unixdict.txt: izzle: swizzle

1. (z|x)ur

unixdict.txt: zur: azure

unixdict.txt: xur: flexural

unixdict.txt: xur: flexure

unixdict.txt: xur: luxuriant

unixdict.txt: xur: luxuriate

unixdict.txt: xur: luxurious

unixdict.txt: xur: luxury

unixdict.txt: zur: mazurka

unixdict.txt: zur: seizure

unixdict.txt: zur: Zurich

1. \d+

unixdict.txt: 10: 10th

unixdict.txt: 1: 1st

unixdict.txt: 2: 2nd

unixdict.txt: 3: 3rd

unixdict.txt: 4: 4th

unixdict.txt: 5: 5th

unixdict.txt: 6: 6th

unixdict.txt: 7: 7th

unixdict.txt: 8: 8th

unixdict.txt: 9: 9th

1. (\d)(\d)

unixdict.txt: 10: 10th

1. \..+

unixdict.txt: .g: e.g

unixdict.txt: .e: i.e

unixdict.txt: .d: ph.d

unixdict.txt: .s: u.s

unixdict.txt: .s.a: u.s.a

1. q[a-tv-z]

unixdict.txt: qa: qatar

unixdict.txt: qe: qed

1. ^x

unixdict.txt: x: x

unixdict.txt: x: x's

unixdict.txt: x: xavier

unixdict.txt: x: xenon

unixdict.txt: x: xenophobia

unixdict.txt: x: xerography

unixdict.txt: x: xerox

unixdict.txt: x: xerxes

unixdict.txt: x: xi

unixdict.txt: x: xylem

unixdict.txt: x: xylene

unixdict.txt: x: xylophone

1. q$

unixdict.txt: q: ceq

unixdict.txt: q: colloq

unixdict.txt: q: iq

unixdict.txt: q: iraq

unixdict.txt: q: q

unixdict.txt: q: seq

1. .{17}

unixdict.txt: arteriolosclerosi: arteriolosclerosis

unixdict.txt: contradistinction: contradistinction

unixdict.txt: contradistinguish: contradistinguish

unixdict.txt: counterproductive: counterproductive

unixdict.txt: diethylstilbestro: diethylstilbestrol

unixdict.txt: electrocardiogram: electrocardiogram

unixdict.txt: electrocardiograp: electrocardiograph

unixdict.txt: electroencephalog: electroencephalogram

unixdict.txt: electroencephalog: electroencephalograph

unixdict.txt: electroencephalog: electroencephalography

unixdict.txt: immunoelectrophor: immunoelectrophoresis

unixdict.txt: indistinguishable: indistinguishable

unixdict.txt: psychotherapeutic: psychotherapeutic

unixdict.txt: spectrophotometer: spectrophotometer

unixdict.txt: triphenylphosphin: triphenylphosphine

1. ^.{17}$

unixdict.txt: contradistinction: contradistinction

unixdict.txt: contradistinguish: contradistinguish

unixdict.txt: counterproductive: counterproductive

unixdict.txt: electrocardiogram: electrocardiogram

unixdict.txt: indistinguishable: indistinguishable

unixdict.txt: psychotherapeutic: psychotherapeutic

unixdict.txt: spectrophotometer: spectrophotometer

1. ^\w+[\W]

unixdict.txt: a&: a&m

unixdict.txt: a&: a&p

unixdict.txt: a': a's

unixdict.txt: ain': ain't

unixdict.txt: anybody': anybody'd

unixdict.txt: aren': aren't

unixdict.txt: at&: at&t

unixdict.txt: b': b's

unixdict.txt: c': c's

unixdict.txt: can': can't

unixdict.txt: couldn': couldn't

unixdict.txt: d': d'art

unixdict.txt: d': d'etat

unixdict.txt: d': d'oeuvre

unixdict.txt: d': d's

unixdict.txt: didn': didn't

unixdict.txt: doesn': doesn't

unixdict.txt: don': don't

unixdict.txt: e': e'er

unixdict.txt: e': e's

unixdict.txt: e.: e.g

unixdict.txt: f': f's

unixdict.txt: g': g's

unixdict.txt: h': h's

unixdict.txt: hadn': hadn't

unixdict.txt: hasn': hasn't

unixdict.txt: haven': haven't

unixdict.txt: he': he'd

unixdict.txt: he': he'll

unixdict.txt: i': i'd

unixdict.txt: i': i'll

unixdict.txt: i': i'm

unixdict.txt: i': i's

unixdict.txt: i': i've

unixdict.txt: i.: i.e

unixdict.txt: isn': isn't

unixdict.txt: it&: it&t

unixdict.txt: it': it'd

unixdict.txt: it': it'll

unixdict.txt: j': j's

unixdict.txt: k': k's

unixdict.txt: l': l'oeil

unixdict.txt: l': l's

unixdict.txt: l': l'vov

unixdict.txt: m': m's

unixdict.txt: mightn': mightn't

unixdict.txt: mustn': mustn't

unixdict.txt: n': n's

unixdict.txt: needn': needn't

unixdict.txt: nobody': nobody'd

unixdict.txt: o': o'brien

unixdict.txt: o': o'clock

unixdict.txt: o': o'connell

unixdict.txt: o': o'connor

unixdict.txt: o': o'dell

unixdict.txt: o': o'donnell

unixdict.txt: o': o'dwyer

unixdict.txt: o': o'er

unixdict.txt: o': o'hare

unixdict.txt: o': o'leary

unixdict.txt: o': o'neill

unixdict.txt: o': o's

unixdict.txt: o': o'shea

unixdict.txt: o': o'sullivan

unixdict.txt: oughtn': oughtn't

unixdict.txt: p': p's

unixdict.txt: ph.: ph.d

unixdict.txt: q': q's

unixdict.txt: r&: r&d

unixdict.txt: r': r's

unixdict.txt: s': s's

unixdict.txt: shan': shan't

unixdict.txt: she': she'd

unixdict.txt: she': she'll

unixdict.txt: shouldn': shouldn't

unixdict.txt: somebody': somebody'll

unixdict.txt: someone': someone'll

unixdict.txt: t': t's

unixdict.txt: that': that'd

unixdict.txt: that': that'll

unixdict.txt: there': there'd

unixdict.txt: there': there'll

unixdict.txt: they': they'd

unixdict.txt: they': they'll

unixdict.txt: they': they're

unixdict.txt: they': they've

unixdict.txt: this': this'll

unixdict.txt: today': today'll

unixdict.txt: u': u's

unixdict.txt: u.: u.s

unixdict.txt: u.: u.s.a

unixdict.txt: usc&: usc&gs

unixdict.txt: v': v's

unixdict.txt: w': w's

unixdict.txt: wasn': wasn't

unixdict.txt: we': we'd

unixdict.txt: we': we'll

unixdict.txt: we': we're

unixdict.txt: we': we've

unixdict.txt: weren': weren't

unixdict.txt: what': what'd

unixdict.txt: what': what're

unixdict.txt: where': where'd

unixdict.txt: where': where're

unixdict.txt: who': who'd

unixdict.txt: who': who'll

unixdict.txt: who': who've

unixdict.txt: won': won't

unixdict.txt: wouldn': wouldn't

unixdict.txt: x': x's

unixdict.txt: y': y's

unixdict.txt: you': you'd

unixdict.txt: you': you'll

unixdict.txt: you': you're

unixdict.txt: you': you've

unixdict.txt: z': z's

1. \W[\w]{3}

unixdict.txt: 'art: d'art

unixdict.txt: 'eta: d'etat

unixdict.txt: 'oeu: d'oeuvre

unixdict.txt: 'oei: l'oeil

unixdict.txt: 'vov: l'vov

unixdict.txt: 'bri: o'brien

unixdict.txt: 'clo: o'clock

unixdict.txt: 'con: o'connell

unixdict.txt: 'con: o'connor

unixdict.txt: 'del: o'dell

unixdict.txt: 'don: o'donnell

unixdict.txt: 'dwy: o'dwyer

unixdict.txt: 'har: o'hare

unixdict.txt: 'lea: o'leary

unixdict.txt: 'nei: o'neill

unixdict.txt: 'she: o'shea

unixdict.txt: 'sul: o'sullivan

1. ([a-z]{3})m\1

unixdict.txt: enomeno: phenomenology

unixdict.txt: enomeno: phenomenon

unixdict.txt: astmast: toastmaster

EX 2

1. echidna
2. [a-z]@[a-z]
3. ([A-Z][a-z]+) v \1 OR ([A-Z][a-z]+) v\. \1
4. \d{1,2} [A-Z]+ \d{4} found 360 matches

EX 3

#heavaly inspired by find\_re.py

import re, sys, os

log = open('matches.txt', 'w')

pat = '(gcg)([cgg|agg]+)(ctg)'

files = ['patient1.fasta', 'patient2.fasta', 'patient3.fasta', 'patient4.fasta', 'patient5.fasta']

for infile in files:

y = 0

try:

fp = open(infile)

line\_number = 1

for line in fp:

line = line.strip()

for match in re.finditer(pat, line, re.IGNORECASE):

# Prints a line consisting of the file name, the

# matched string, and the line in which the matc

for l in re.finditer('(cgg)|(agg)', str0, re.IGNORECASE):

y +=1

line\_number += 1

print('patient:', y)

fp.close()

except IsADirectoryError:

print(infile, 'is a directory')

log.close()

#heavaly inspired by find\_re.py

import re, sys, os

log = open('matches.txt', 'w')

pat = '(gcg)([cgg|agg]+)(ctg)'

files = ['patient1.fasta', 'patient2.fasta', 'patient3.fasta', 'patient4.fasta', 'patient5.fasta']

for infile in files:

y = 0

try:

fp = open(infile)

line\_number = 1

for line in fp:

line = line.strip()

for match in re.finditer(pat, line, re.IGNORECASE):

# Prints a line consisting of the file name, the

# matched string, and the line in which the match

# was found (for context).

str0 = str(match.group(0))

for l in re.finditer('(cgg)|(agg)', str0, re.IGNORECASE):

y +=1

line\_number += 1

print('patient:', y)

fp.close()

except IsADirectoryError:

print(infile, 'is a directory')

log.close()

patient: 9

patient: 9

patient: 14

patient: 8

patient: 24

#probably not right