

```

0 deletions.
49
pg.py
@@ -0,0 +1,49 @@
import random

# Function to convert string into list
def tolist(string):
li = []
li[:] = string
return li

# Function to generate random password
def generate():
"""
A strong password must be 12-digit long containing at
least
1 lower-case alphabet [a-z]
1 upper-case alphabet [A-Z]
1 special symbol like [!@?]
1 numeric digit [0-9]
"""
# num contains list of numbers
num = tolist("1234567890")

# lower contains list of lower-case alphabets
lower = tolist("abcdefghijklmnopqrstuvwxyz")

# lower contains list of upper-case alphabets
upper = tolist("ABCDEFGHIJKLMNOPQRSTUVWXYZ")

# symbol contains all special symbols
symbol = tolist(" ~`!@#$%^&*()_+-={}|[]\\\";':\`\",./<>?")

# mixed contains all numbers, alphabets and special
symbols
mixed = num + lower + upper + symbol

# will generate 1-1 number, alphabet both lower & upper
and symbols
password = random.choice(num) + random.choice(lower) +
random.choice(upper) + random.choice(symbol)

# will generate other 8 digit 4 digits already made
for i in range(9):
password = tolist(password)
random.shuffle(password)
password = ''.join(password)
password += random.choice(mixed)

return password

```