

In [*]:

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import onetimepad

from tkinter import *

root = Tk()
root.title("CRYPTOGRAPHY")
root.geometry("800x600")

def encryptMessage():
    pt = e1.get()

    # inbuilt function to encrypt a message
    ct = onetimepad.encrypt(pt, 'random')
    e2.insert(0, ct)

def decryptMessage():
    ct1 = e3.get()

    pt1 = onetimepad.decrypt(ct1, 'random')
    e4.insert(0, pt1)

label1 = Label(root, text='plain text')
label1.grid(row = 10, column = 1)
label2 = Label(root, text='encrypted text')
label2.grid(row = 11, column = 1)
l3 = Label(root, text="cipher text")
l3.grid(row = 10, column = 10)
l4 = Label(root, text="decrypted text")
l4.grid(row = 11, column = 10)

e1 = Entry(root)
e1.grid(row = 10, column = 2)
e2 = Entry(root)
e2.grid(row = 11, column = 2)
e3 = Entry(root)
e3.grid(row = 10, column = 11)
e4 = Entry(root)
e4.grid(row = 11, column = 11)

ent = Button(root, text = "encrypt", bg = "red", fg = "white", command = encr
ent.grid(row = 13, column = 2)

b2 = Button(root, text = "decrypt", bg = "green", fg = "white", command = dec
b2.grid(row = 13, column = 11)

root.mainloop()
```

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In [*]: import smtplib

s = smtplib.SMTP('smtp.gmail.com', 587)

s.starttls()

s.login("sender_email_id", "sender_email_id_password")

message = "Message_you_need_to_send"

s.sendmail("sender_email_id", "receiver_email_id", message)

s.quit()
```

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In [ ]:
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