# Core python base Email send to Gmail

<https://www.geeksforgeeks.org/send-mail-gmail-account-using-python/>

<https://www.tutorialspoint.com/sending-attachments-as-an-e-mail-using-python>

1. Single sender to single receiver
2. # Python code to illustrate Sending mail from
3. # your Gmail account
4. import smtplib
5. # creates SMTP session
6. s = smtplib.SMTP('smtp.gmail.com', 587)
7. # start TLS for security
8. s.starttls()
9. # Authentication
10. s.login("mahmudhossain836@gmail.com", "mahmudgmail")
11. # message to be sent
12. message = "hello world"
13. # sending the mail
14. s.sendmail("mahmudhossain836@gmail.com", "alifn4688@gmail.com", message)
15. # terminating the session
16. s.quit()
17. print('email send')
18. Single sender to multiple receiver
20. import smtplib
21. # list of email\_id to send the mail
22. li = ["alifn4688@gmail.com", "mahmudhossain837@gmail.com",'mahmudhossain838@gmail.com']
23. for dest in li:
24. s = smtplib.SMTP('smtp.gmail.com', 587)
25. s.starttls()
26. s.login("mahmudhossain836@gmail.com", "mahmudgmail")
27. message = "mail2"
28. s.sendmail("mahmudhossain836@gmail.com", dest, message)
29. s.quit()
30. print('send messagee')
31. Send any attached file to single receiver

<https://www.geeksforgeeks.org/send-mail-attachment-gmail-account-using-python/?ref=lbp>

# Python code to illustrate Sending mail with attachments

# from your Gmail account

# libraries to be imported

import smtplib

from email.mime.multipart import MIMEMultipart

from email.mime.text import MIMEText

from email.mime.base import MIMEBase

from email import encoders

fromaddr = "mahmudhossain836@gmail.com"

toaddr = "mahmudhossain838@gmail.com"

# instance of MIMEMultipart

msg = MIMEMultipart()

# storing the senders email address

msg['From'] = fromaddr

# storing the receivers email address

msg['To'] = toaddr

# storing the subject

msg['Subject'] = "attachet mail"

# string to store the body of the mail

body = "photo"

# attach the body with the msg instance

msg.attach(MIMEText(body, 'plain'))

# open the file to be sent #we can attachet any this

filename = "sos.mp3"

attachment = open("sos.mp3", "rb")

# instance of MIMEBase and named as p

p = MIMEBase('application', 'octet-stream')

# To change the payload into encoded form

p.set\_payload((attachment).read())

# encode into base64

encoders.encode\_base64(p)

p.add\_header('Content-Disposition', "attachment; filename= %s" % filename)

# attach the instance 'p' to instance 'msg'

msg.attach(p)

# creates SMTP session

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

# start TLS for security

s.starttls()

# Authentication

s.login(fromaddr, "mahmudgmail")

# Converts the Multipart msg into a string

text = msg.as\_string()

# sending the mail

s.sendmail(fromaddr, toaddr, text)

# terminating the session

s.quit()