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Thread: [Sending an email using Python](#)

g-ez - September 27, 2018, 3:01 pm

Hello guys! I've just started coding in python and I was wondering if I could send the output of this to an email address or save just this specific output as a .txt or .pdf file in my computer.

Maybe it's very complicated or very easy, I have no clue. I know I have import email libs and modules and smpt servers but guidance would be helpful as I can't seem to find specific answers on the internet about it. Thank you :)

FOR EXAMPLE:

```
def example():
s_kgs = input()
s_kgs_int = int(s_kgs)

totals1 = ((s_kgs_int 65) / 100)
totals2 = ((s_kgs_int 75) / 100)
totals3 = ((s_kgs_int * 85) / 100)

print("Example")
print("Row 1: "+format(totals1)+" x 6")
print("Row 2: "+format(totals2)+" x 6")
print("Row 3: "+format(totals3)+" x 6\n\n")

example()
```

This will be the output and what's going to be send over the email or is going to be saved in my files. (values are wrong but general idea):

Row 1: 65.0 x 6
Row 2: 75.0 x 6
Row 3: 85.0 x 6

Infamia - September 28, 2018, 3:36 am

to save locally (to pc):

Code with open("filename", "w") as output:
output.write(result)

to send over email you'd either want to take a look at the gmail/yahoo/outlook/whatever API for python or look at `smtplib` which is a python standard library.

dtbmk - September 28, 2018, 5:02 am

U should use MIMEMultipart() / MIMEText() for the text and then log to the email and send it. Probably u will have to change settings (gmail has a specific setting for that)

Hackoo - September 29, 2018, 9:07 pm

Take a look at this video :

[Video: <https://www.youtube.com/watch?v=bXRYJEKjqIM>]

ethnocentric - September 30, 2018, 5:11 pm

Here's a class from a project of mine. settings is a custom configuration object I use, you could just make a object and assign the properties needed or rework the class. Hope this helps. You'll probably wanna read up on some of the documentation for this here:

<https://docs.python.org/3/library/smtplib.html>

Code import smtplib

class EmailSender:

```
def __init__(self, settings):
    self.userName = settings.UserName
    self.password = settings.Password
    self.mailServer = settings.MailServer
    self.mailServerPort = settings.SMTPPort
    self.sslEnabled = settings.SMTPSSLEnabled

def SendMail(self, recipient, subject, body):
    print('Recipient:' + str(recipient))
    to = str(recipient)
    if type(recipient) is str:
        to = recipient.split(";")
    print(to)

    # Prevents trying to send bad emails
    if to[0] == "":
        print("Missing Recipient")
        return

    msg = ('From: %s\nTo: %s\nSubject: %s\n\n%s\n' %
           (self.userName, to, subject, body))
    server = None
    if self.sslEnabled == 1:
        server = smtplib.SMTP_SSL(self.mailServer, self.mailServerPort)
    else:
        server = smtplib.SMTP(self.mailServer, self.mailServerPort)

    server.ehlo()
    server.login(self.userName, self.password)
    server.sendmail(self.userName, to, msg)
    server.quit()
```

g-ez - October 1, 2018, 7:39 am

Thank you so much to all :D You guys are fucking awesome <3