

Unit 4 Lesson 1

Mini Project: TKinter email sender

Summary

Use what you have recently learned about sending email via Python and what you have learned in the past with TKinter to create an email application with a tkinter interface. You may use Chat GPT to assist you in designing your email app with TKinter, but you must use the yagmail module we used in class for the actual mail sending portion of the app.

Part 1 - The Guts

Ensure you have code that confirms your connection to the Internet first, and then can send an email second. This should use code we have covered previously in Unit 4.

Part 2 - The Looks

Design an interface using Tkinter to create an email 'app' that can interact with the guts you designed to give the user a simple experience to compose and send an email. The full interface should include the following:

- Sender email
- Sender password
- Receiver email
- Subject
- Message
- Attachments
- Send button
- Reset button
- Additional features (perhaps some alert if there are unread messages in your mailbox or an indication of how many there are would be an interesting challenge).

All uses of ChatGPT for code writing should be commented to indicate where it is used in your code and you should indicate any changes you needed to make to the code. Please remember, ChatGPT is not infallible. Code that comes out of it may not work, may work with tweaking, or may be just what you need.

Part 3 - Submit

Use Github Classroom to submit your work and use this document to submit responses to the questions below.

1. Give an example of how you utilized ChatGPT. What prompt did you provide and what information did ChatGPT provide back to you.

2. What was a challenge you had and how did you overcome it?

3. How would you further enhance your email application if given more time?

4. How did you test your application? What did you change or fix due to testing?