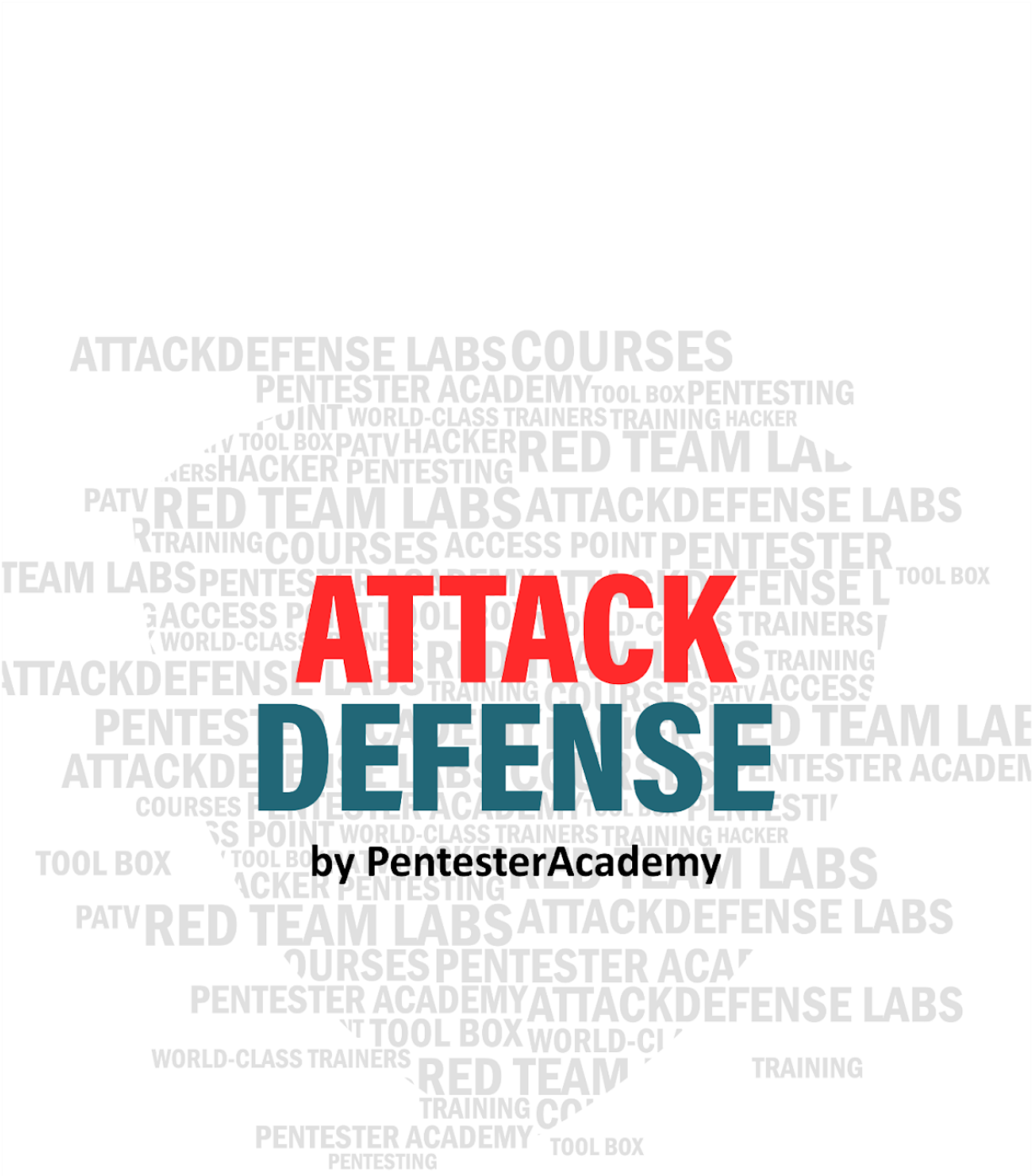

ATTACK
DEFENSE
by PentesterAcademy

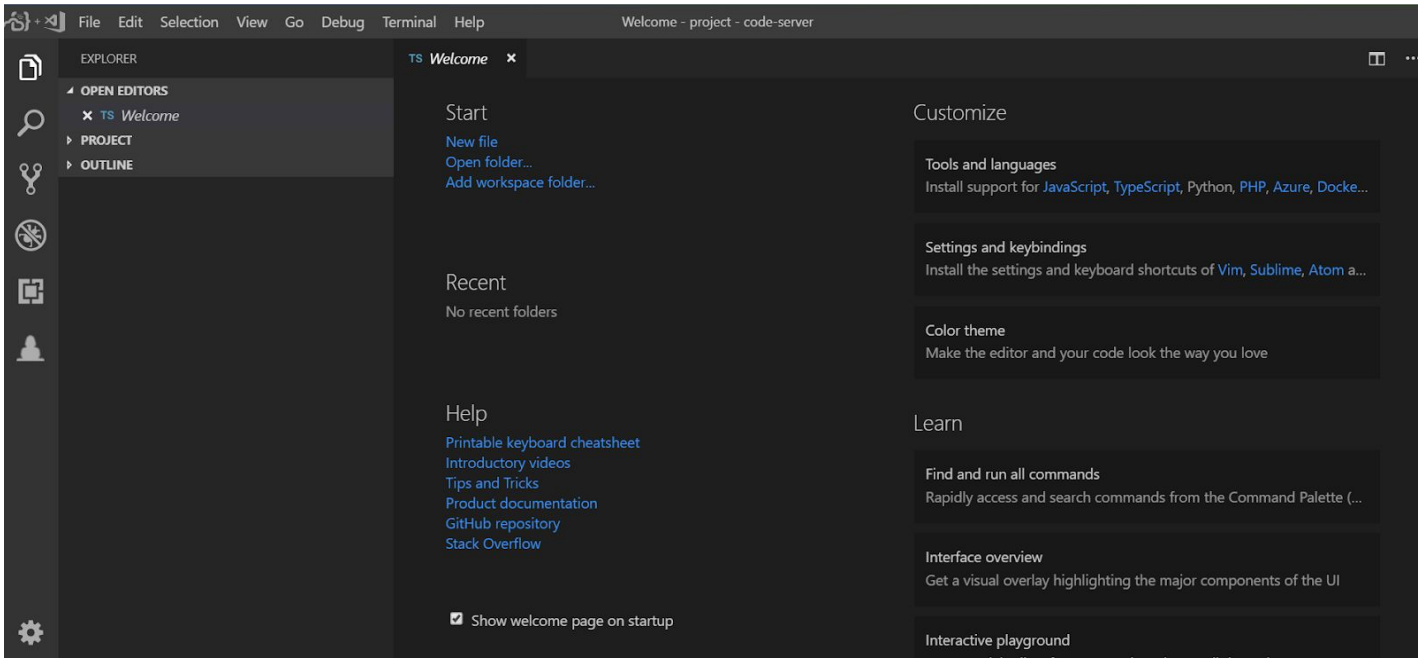
Name	Emulating IMAP Client
URL	https://attackdefense.com/challengedetails?cid=1218
Type	Offensive Python : Client Emulation

Important Note: This document illustrates all the important steps required to complete this lab. This is by no means a comprehensive step-by-step solution for this exercise. This is only provided as a reference to various commands needed to complete this exercise and for your further research on this topic. Also, note that the IP addresses and domain names might be different in your lab.

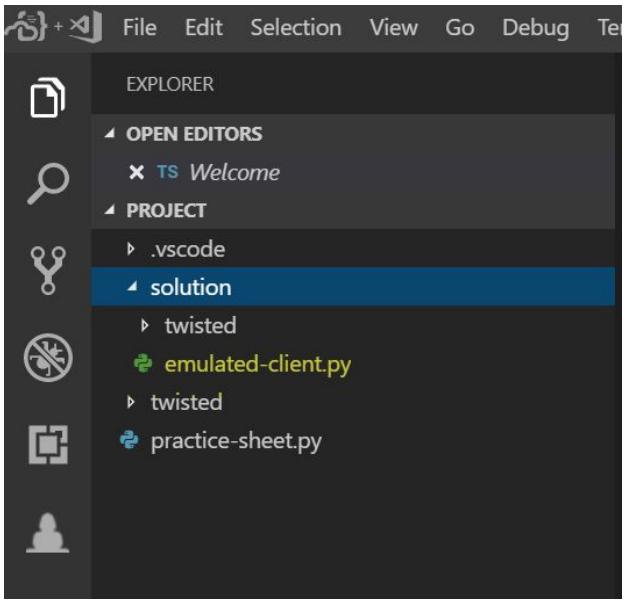
Objective: Use Python twisted library to login into the mail account of user "netadmin" and fetch subjects of all his mails.

Solution:

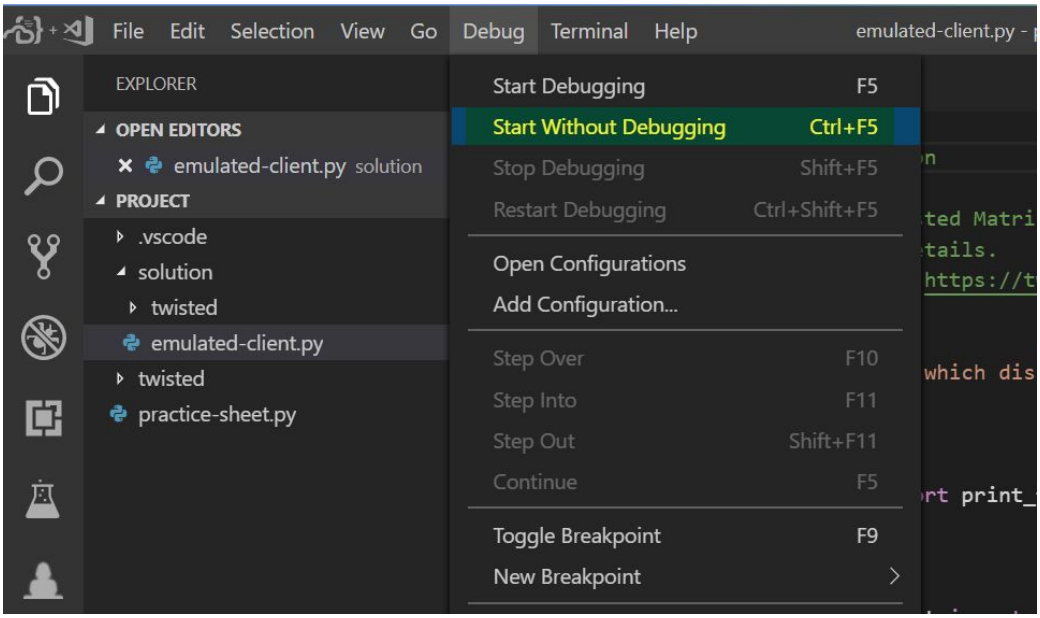
Landing Page:



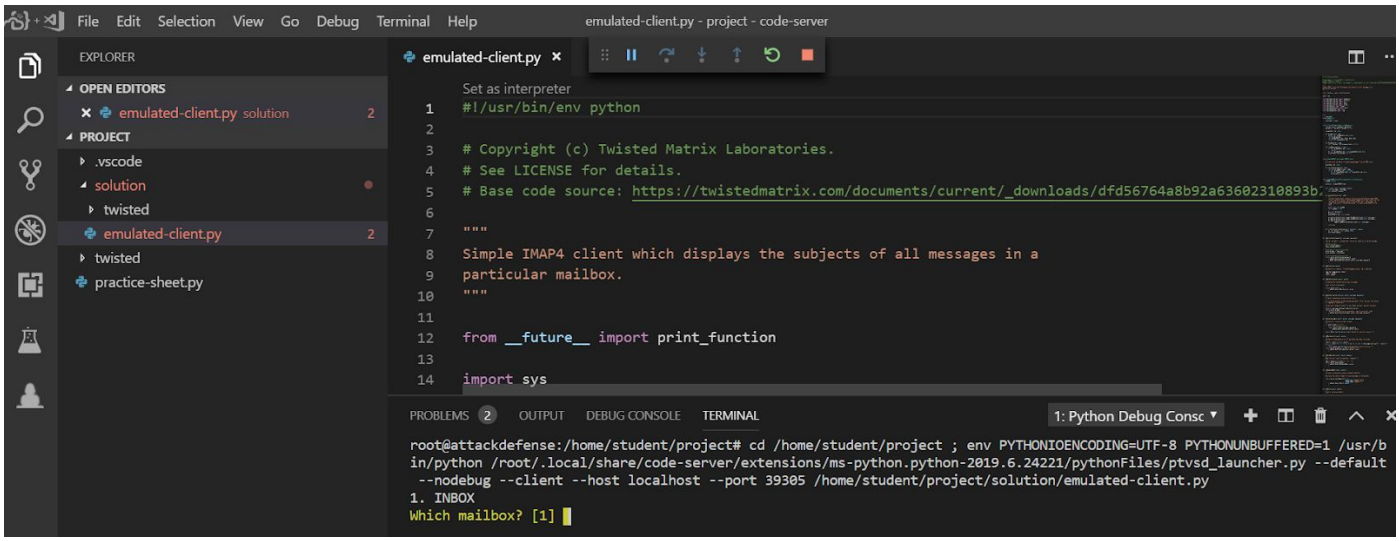
Step 1: Select “emulated-client.py ” kept in solution directory from the Project Explorer.



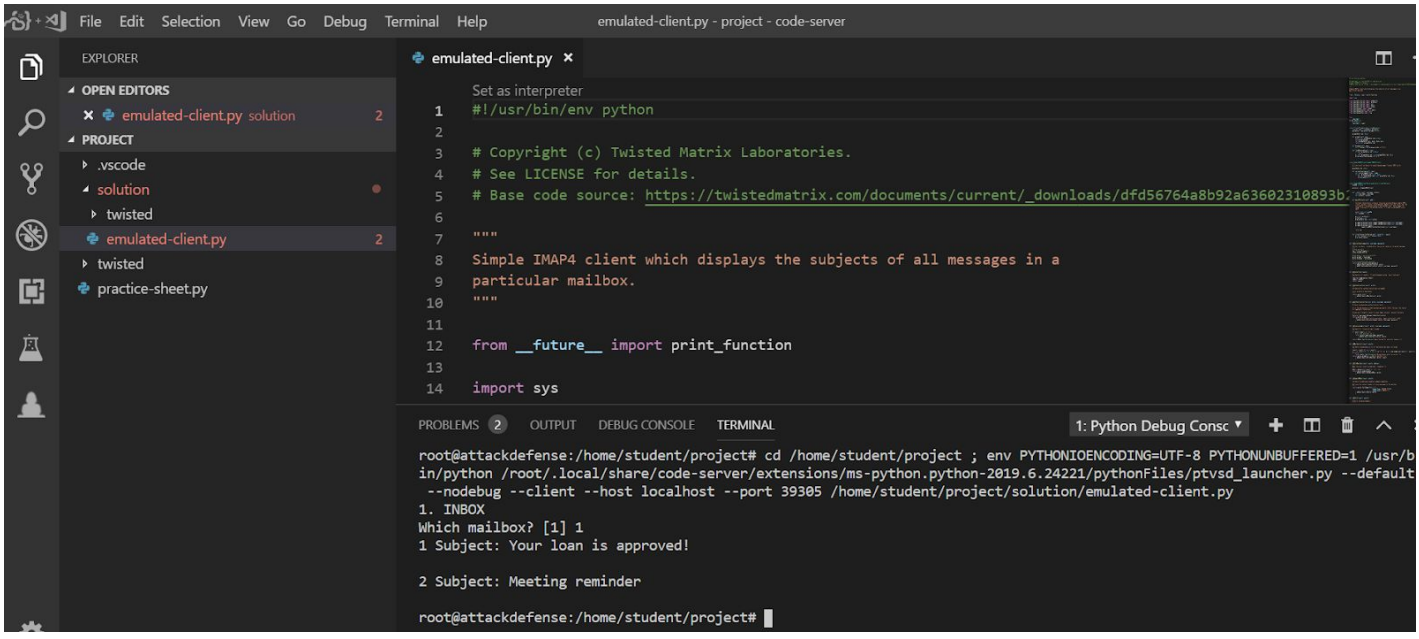
Step 2: Navigate to Debug Menu and click on “Start Without Debugging option” to run the program.



The python script will run, connect to remote IMAP server and list available inboxes with an option to choose them.



Step 3: On selecting the first and only option, it will fetch subjects from all the mails present in this inbox.



In this manner, one can automate mail dumping from multiple servers.

References:

1. Visual Studio Code (https://code.visualstudio.com/)
2. VS Code Basic Editing (https://code.visualstudio.com/docs/editor/codebasics)
3. Twisted (https://www.twistedmatrix.com/trac/)