

Test Case: Successful Sign In With Email MFA (IMAP)

Steps:

1. Prepare a dummy IMAP email account with a known, recent 'Mint code' email in the inbox from 'do_not_reply@intuit.com' with a
2. Set up mock or stub for selenium Chrome driver (headless mode recommended).
3. Execute the sign_in function with:
 - correct email and password
 - mfa_method=constants.MFA_VIA_EMAIL
 - proper imap_account, imap_password, imap_server, imap_folder='INBOX'
 - mfa_token=None
 - mfa_input_callback=None
4. Ensure that get_email_code() retrieves the correct 6-digit code from the email and that code is submitted to the MFA page.
5. Assert that sign_in returns a status_message indicating sync was successful or completed.
6. Cleanup IMAP mailbox if delete=True (default for get_email_code).

Expected:

- No exceptions are raised
- Login flow completes
- MFA challenge is solved by retrieving the real code from the IMAP email, not user input
- Final status_message shows account refresh complete or equivalent

---Extra Details---

Filename: signIn.py

Description: Tests the full successful sign in flow using Email MFA via IMAP, including retrieval of the code from an actual email m

Score: 100%

Alignment: 100%

Validation Notes: Covers key logic for email-based MFA, exercises get_email_code, and ensures typical workflow is operational.